Library

Princeton Review.

47 Park Avenue, New York.

Oct. 3. 79

Dear Dr. Gray

It seems to me that under certain conditions you might not be adverse to the publication of your views upon the present antagonisms of Scientific & Religious thought.

Now. I know of a publisher who is willing, & even desirous, to obtain, your views with the intention of placing them before about 15.000 of the most intelligent & best informed people now residing upon this planet; and

who is willing, moreover, to give a very fair compensation to the writer for throwing these views together, in order that his time shd not be unprofitably employed.

He is also prepared to make concessions which may appear to the judgment of the writer to be necessary.

You desire to ask if <u>any conditions</u>, would lead you to favorably consider such a proposition to publish your advanced thoughts and remain

With the highest respect

Jonas H. Libbey

Princeton Review. Library

47 Park Avenue, New York.

Oct. 7. 79

dear Dr. Gray

Your favor of the 4th inst is at hand.

The method of presentation of treatment suitable for a lecture, is as you have remarked, so different from what one wd. look for in a "dignified" Review that I venture to hope that you may still feel at liberty to give me an independent article upon

the theme which you now have in hand.

You will permit me to suggest that the thoughts which possess vital interest to a single roomful of enquiring minds, may not only prove of interest, but serve to accomplish conferential good results when circulated in the manner which it is my pleasure & privilege in this Review.

I should consider myself highly favored to obtain your discussion of this subject for our January number (which promises to be a number of great significance) taken, having presented the general view to the world, the colloquial examination of special points might advantageously follow, in a diverse method, and under entirely favorable conditions.

Do not participate for the "short-cut" from abuse, in some cases, indeed, it has been known to effect the same salutary result in the medical sphere, as the electrical thrill in the physician. Your prepared treatise, the time is opportune, your hand is on the key, please "make the connection": with the practical skepticism, Donald M. Libby

Mark clear and honoured Sir!

You would certainly have all occasion to be wondering about my very long silence, and I should feel most sorry on that account, if I was not informed by other friends that they had long ago told You the case. I shall not venture on Your patience to tell You the long and sad story, let me only say so much, that after having suffered for more than a year by a very acute chronical bronchitis, which finally was suppressed by the use of Saccharum saturni and Digitalis, the first named physic had the pernicious secondary effect of forming an immense internal abscess, which having been opened with the knife, proved to be of a most malicious nature and very painful, and after several months of curing formed a very obstinate fistula ani. A new and painful operation followed, and I have now been for more than six months confined to my bed, and still cannot see any termination of my pains. —

You will find it natural enough, that I have been obliged to put aside all my dearest occupations. Among these, the pleasure of selecting from my Mexican herbarium a first set of plants destined for You, to realise the long wished interchange with You

I have acquired for You the two mentioned works of M Vahl, which You wished occasionally to receive. I wish I did know any other works which could be of interest to You that I might send them. I hope You will receive — though so very late — my most sincere thankgivings for Your splendid work on the Botany of the expedition of Capt Wilkie.

I had the pleasure to make the ~~pre~~ acquaintance of Mr Brace, who passed an hour by my bedside, unfortunately I was unable to show him any civilities. I beg You will recommend me most cordially to the memory of Mr Lowell, his excellent lady and amiable daughters. I passed in their agreable society a most pleasant day.

You have put fire to my even life interest by informing me about Your newest work: Botany of the Northern United States, of which You promised me a copy; but what shall I find to give You in recompense for these precious works? I cannot denie the impatient eagerness with which I am looking forward to the next distribution of the Smithsonian Institution.

My work on Austro-American Cactus is going forward, in spite of my sickness. Forty Folio Kopperplates are now engraved.

My dear Sir let me in concluding hope that I have not lost any of Your good favours and believe me, among all my foreign friends there are none on whose friendship and estimation I pick so high a price as on Yours.

Ever Yours most faithfully

F. Liebmann

Bot. Garden at Copenhagen the 26 of Juli 1856.

57 9

To

Professor, Dr. Asa Gray

at the Harvard University, Cambridge

Massachusetts, United States of

America.

paid

AUG

12 6

Helsingfors, Finland,
Nov. 15, 1876.

Dear Professor,

Will you be kind enough to lend me from the Herb. of Sayler his original specimen of Jung. reclusa, which, I suspect, may be wrongly understood also by his countrymen-botanists. If in the same are present any original specimens from Europe of Jung. catenulata (from Hübener, Al. Braun or Nees?) please send me them also. I will return them immediately.

I have heard that the late Mr Sullivant, my most excellent friend of all, had

2

given his books to your University, if so, you must have also all my elder publications. Please tell me the title of the last of them, that I may, care of Smithsonian Institution, send all my papers published after that time. I will give you all, except my Hepatica Scandinavica exsiccata, which is too dear for me to give away and which is no doubt one of the most elegant publications of that kind. ever published.

Believe me to be, Dear Professor Asa Gray,

Ever yours
admiring

S. O. Lindberg M.D.

Professor of Botany in the University of Helsingfors, Finland.

Lindberg 5.0

Helsingfors, Finland,
Dec. 28, 1876.

Dear Professor

Wishing to borrow some few of Taylor's Hepaticæ (Jungermania reclusa and catenulata), and offering you the publications I've written since the death of our mutual friend Sullivant, I wrote to you a letter, but erroneously "Cambridge Maryland", not Massachusetts, by which mistake you may not received it.

For a monograph of Cesia (= Gymnomitrium!) I want to see Taylors specimens of (Fig.) Gymnocaulum, Struthium and acinacifolium, please lend me some few stems of them, also of all his specimens of G. concinnatum, both European and Extraeuropean, especially from the Antarctic Regions, and G. corallioides! But excuse if I must tell that I

want them as soon as possible. Can you send them in a letter?

Believe me to be, dear Professor,

Ever your obedient

S. O. Lindberg, M.D.

Professor of Botany in the University of Helsingfors, Finland.

Helsingfors, 15 Jan. 1877.

Dear Professor Asa Gray

To day I received your kind note of Dec. 26/76, my thanks for your help with the confounded Fg. reclusa Tayl. ! But unhappily has he described a totally different plant, than he possessed in his collection, his real original one he must have given away, or lost in some other way, just the same as Dr Hübener seems to have done with his Fum. catenulata ! Dr Carrington is, it seems me, quite right, when he declares the both to be synonyms (see his Irish Cryptt.). Dr Godron, who determined all my specimens about 15 years ago, has also under the name of Fg. catenulata confounded no less than three diffrent species.

I have not received before a single item from the Herb. of Taylor, but suppose Mr Austin has put out for me some, as to judge from the sign in the margin of my list of desiderata. It would be best to ask him, before you kindly send me anything of what I want.

A copy of my Hep. exsicc. N:o 1 I will send to the Agents of the Smithsonian Institution in St. Petersburg (Russia), it costs 30 Marks finnish (= 30 francs !). The second part I mean to publish this spring, containing many rare species, especially my new ones.

By the post I send you to day some of my later publications, of which I have yet copies left, and I will always (give you) the new ones, except my Exsiccata, as it would be to dear for me, poor Devil.

Will you exchange Lepidozia reptans ?!

And now 1) my thanks for your help ! and 2) my best wishes for the new year ! — If you write to Mr Austin, please give him my best compliments ! He is a most energetic and liberal fellow, just as all Americans I have had the pleasure and honor to make a acquaintance (pity only in litteris !) with.

Believe me to be, Dear Professor,

Semper totus tuus

S. O. Lindberg.

In London during the summer 1872 I met with Miss Ward, sister of Mrs Braithwaite, who spoke most heartily of you. She was one of the kindest and most good hearted persons I ever saw. Really I nearly love her !, but I am married before, you see. idem.

Helsingfors, Sept. 6/17.

My dear Professor

I hope you received last May a letter, telling you the safe receipt of your money for the two first Parts of Hepatica scand. etcc., as also that the sum was quite right, including the freight to St. Petersburgh. Unfortunately last spring I was so overpowered by official business, that I could not find time for laying up the second part, especially as I suffered also from a neuralgia scriptatoria. As a proof of my occupations I sent

you a copy of my latest decanus-program, and now in a year I have to write two more!

This autumn I hope to get ready the 2nd Part, and will send you your copy immediately, with the 1st one. As a rule, please never pay in advance, because it has indeed been a real torture for me the receipt of the money without being able to send you my Exiccata for it! Please send me the money first after you have got the work! Excuse my involuntary delay!

My best thanks for your fine photogram, here I send my own in exchange.

Semper tales tuus

S. O. Lindberg

Helsingfors, Nov. 24/79.

Dear Professor Asa Gray!

The whole summer I have been far from the town out in the country, and nearly immediately after my return to my garden I must go over to Sweden, to get, if possible, a place in my old dear own country, but in vain, as I never could thrive here, the circumstances being too much unlike my former ones.

In your last kind letter you wrote that I may send back the Mosses you lent me. Twice I have received such plants from you, but only in one

2

Nov

I hope you have now long ago received my parcel sent to you in the begining of last June!

Can you give me the adress of Mr Schrader? Does he live yet in Columbus, Ohio?

Please, write to me as soon you can about the Alsinaceæ, that I may know how many they were.

Once more begging for your forgiveness, I have the honor to remain

Yours most affectionate

S. O. Lindberg.

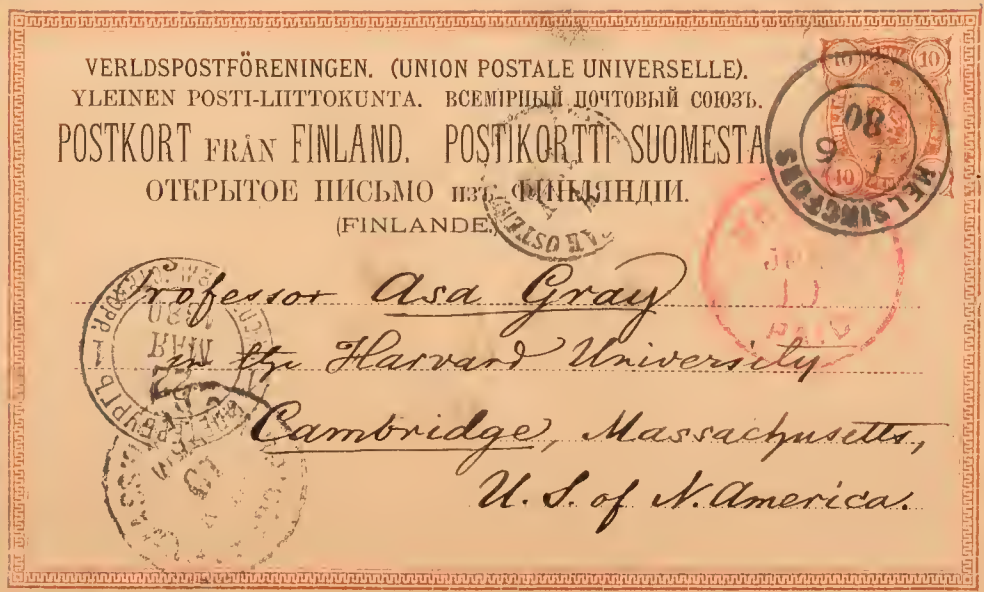
letter you gave me advice of sending back the content, what I also immediately after the examination) did in giving back the original specimens of Fun. reclusa, Fayl. But about the others (Alicularia and Gymnomitria), You did not speak of sending them back, as now as it was with them no original label, so you must kindly excuse my mistake in considering them as a gift from you (some of them also being a few loose items), and putting them in my packages, which are at present in great disorder and which I now am occupied to put in order. As soon as I have found all your Mosses, I will send them back according to your wishes. But please tell me, if you are now able to do it, how many of Alicularia you sent me, all the Gymnomitria I know perfectly well.

If you an another time will again be so kind as to lend me what I want from the collections under your care, please tell me if all is wanted back! Because I am very embarrassed by my involuntary mistakes, indeed I am! You may only never think it was my meaning to keep them, without your concession.

Dear Professor

Last year in May I sent the first Part of my Exicc. to the Academy of Sciences at Stockholm, care of the Smithsonian Institution. The Bibliothecary of the Academy sent it to the Agent of the Smith. Inst. in Lübeck (Germany), to be sent as soon as possible to the Smiths. Inst. Please tell me if you now have received the parcel! I fear I can not more use this way of sending, but which will be better? Pity the communication between us is so slow and uncertain! At the same You receive about 200 Scandinavian Mosses in fine specimens.

Your most affectionate J. O. Lindberg.



VERLDSPOSTFÖRENINGEN. (UNION POSTALE UNIVERSELLE).
YLEINEN POSTI-LIITTOKUNTA. ВСЕМІРНЫЙ ПОЧТОВЫЙ СОЮЗЪ.
POSTKORT FRÅN FINLAND. POSTIKORTTI SUOMESTA.
ОТКРЫТОЕ ПИСЬМО ИЗЪ ФИНЛЯНДІИ.
(FINLANDE.)

Professor Asa Gray
in the Harvard University
Cambridge, Massachusetts,
U. S. of N. America.

Helsingfors, March 13/84.

My dear Professor

Now I hope you have received your copy of the first Part of Hepaticæ scand. exsicc., with about 200 other Mosses, in a parcel, sent to you by the Agent of the Smithsonian Society at Stockholm (the Librarian at the Academy of Sciences). As a rectification I send in this letter a note from Dr. Robert Tigerstedt, the teacher in Physiology at the Medico-Chirurgical Academy („Carolinska Institutet") at the said town of Sweden. Of Dr. Tigerstedt's letter you will find that the parcel was sent from Stockholm in December 1881 to the Smiths. Inst., and now must have reached you. So please tell me immediately about its arrival!

Indeed, very seldom I have been so anxious about anything, as about your copy!

Can I in any direction be of use for you? If so, please dispose of me and my time.

Dear Professor, I have the honor to remain

Ever yours
affectionate

S. O. Lindberg.

Dr. Lindheimer

New Braunfels Dec. 17. 1859

Prof. Asa Gray
Cambridge

Dear Sir,

I take the pleasure in sending you by mail a small package containing 38 different species of botanical seeds, and the only regret that I have is, that I have not a larger collection for you. My time has been so much occupied with other matters (publishing a newspaper) that I have not had the change to attend to the making of a larger collection. I expect to have more time the coming summer to devote to this purpose and then you shall hear from me.

Dear Professor, I hope you will receive these to day sent, as well as future ones, however small they may be as but recipients of the regards of

Yours Obt. Servt
Ferdinand J. Lindheimer.

P.S. If it is in your power, you would do me a great favor in to send me few grains of the celebrated Pyrethrum Caucasicum to raise it here as a preservative against the ants. We had seed from Petersburg, Russia but could raise plants. The ants are here on some places very troublesome, to us that do not [illegible]

Professor Asa Gray

Cambridge

Mass. U.S.

New Braunfels February 18th 1873

Prof. Asa Gray
Cambridge Mass.

Dear Professor, your kind letter, dated January 7th was received in due time, and I am rejoiced to learn, that the two packages of seeds did arrive safely. I can not to your question, what I would like to receive, i.e. to send me, if this can be done by mail, some Cyan Calcium, to drive the cattle into, who destroy my [illegible] fruit trees, and some wine. Mr Charles Wright [illegible] [illegible] [illegible] of [illegible] sexes.

I shall try it again this spring, I collect flower [illegible] [illegible], Lexington and seeds of [illegible] [illegible] [illegible]

JAN 29 1839

Dr Asa Gray
36 Northumberland
Strand

Turnham Green
Jan 28. 1839

Dear Dr Gray

Will you come down to me on Sunday next & eat your mutton with us at 3 o'clock, which is my fixed hour on that day. I can give you a bed. You can amuse yourself in my botanicum on Monday, when I will get a few friends to meet you at dinner — all Botanical — and you can either return to town in the evening with them or stay with me till Tuesday morning & Vesting your

John Lindley

1837

21 Regent St
Thursday

My Dear

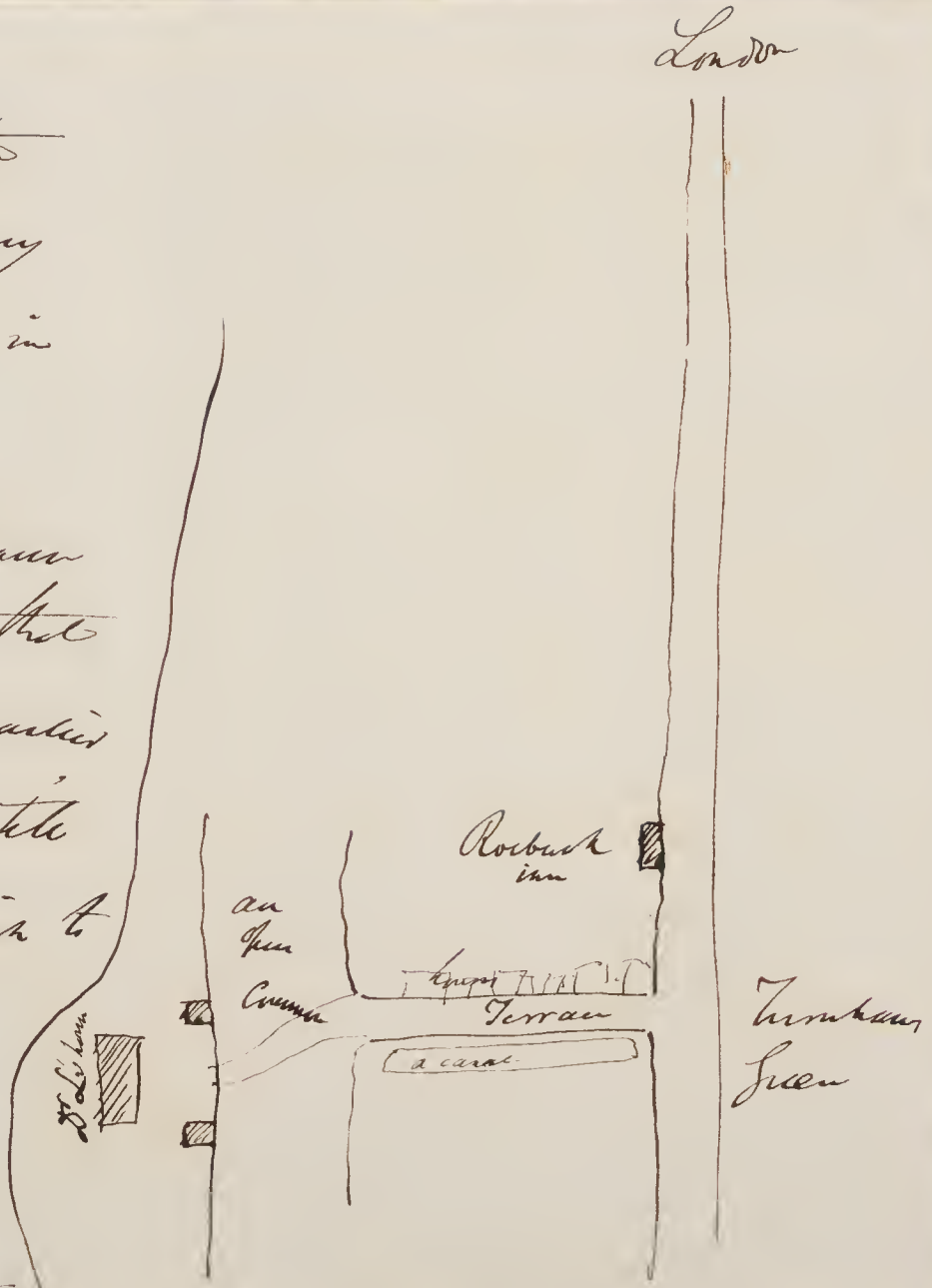
We will wait breakfast for you on Monday: that is till 9 o'clock. If you are at the White Horn Cellar Piccadilly at 7 o'clock & you will find Coaches or Omnibuses to Turnham Green. Tell them to set you down at the "Rockbuck" Abut 50 yards beyond this inn is a lane called the Terrace

on the right hand. At the bottom of the Terrace is my house; as you will see in the annexed Sketch.

I say 9 o'clock, because if you do not reach me at that time you cannot do so earlier than 10. Sir John will call at 10 with pleasure if you wish it for that hour.

Yours truly

W. Lindley



HORTICULTURAL SOCIETY
21 REGENT STREET

Dear Dr Gray

The first moment
that I can with ease at
11 A.M. on Monday next, at
my house. I write then
to ask that I can to
look you.

By all means, Kirk
Rec'd May Monday — Gunby
J. Hy

HORTICULTURAL SOCIETY
Sept 25
21, REGENT STREET

My dear Dr Gray

I know you are in town.
How can I have the pleasure
of your company? I am
not now actually in town
as I was when you were
in England before

Yours truly

John Lindley

Turnham Green
Sunday

Dear Dr Gray

I am sorry to find you did not know of address when you called, as that I did not know till this morning when I was to be found.

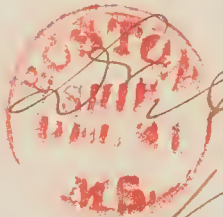
I shall be here all day tomorrow. Will you come down & dine with me at 5 o'clock.

We can go to the Exeter Hall for dinner — when I can many things

to know you — to come as soon
as you like

Yours truly

W. Lindley



New York

My Dear

I am to thank you for the
two numbers of your valuable work, for
which I am much obliged. The enter-
taining & emphatic style of such a work
is a matter of great importance to
general readers as well as to those
of America in particular. I am well
known on that shore to entertain
liberty of criticising your eloquent
& just opinions regarding oppression,
which is certainly my inclination
(as Col. Despard & Mr Orr).

But I am not in any
doubt with Reason if I
should have any object to write

it a rule never to hurry and
specimens. Formerly, and,
in and like lately, I was putting
superabundance to ankle Asterias,
but I find that the accidents of
transiting are a nuisance,
the skeletons are so easily injured
in consequence that - I have been
constrained to relinquish doing so.
If the specimens are not glued
down upon pins before it is
not matter. In making the
rule of cotton I must make
it small. I think I have
described Ophiura nitida both
in my notebook in your
house regarding Asterias. All

that I think Ophiuroids &
Asterids Ophiura, and all
have not an idea how they
are to be ordered any further
than they have been in
their book. If you can name
a further distinction of Ophiura
you will have to abolish
2/3 rds of those in mind,

Remain
Dear Sir
Yours
John Hardy

Wright's Cuba Orchids

668. Neurothallis Wilsoni sp. n
657 × ——— nephelogenes sp. n
657. × ——— Grobyi Lindl.
659. × ——— trichophora sp. n
656 × ——— univaginata sp. n
655. × ——— albida sp. n
616. × ——— oblongifolia Lindl.
629 × ——— prostrata. sp. n.
663. × ——— fallax Rchb. f.
651. × ——— longilabris sp. n
648. × ——— testæfolia Lindl.
653. × ——— cubensis sp. n
oo. ——— hymenantha Lindl
oo. ——— rubrovirides sp. n.
654 × Octomeria tridentata Lindl.
662 × Lepanthes dorsalis sp. n
oo. ——— chrysostigma sp. n
oo. ——— fulva sp. n.
661. ——— trichodactyla sp. n
652 × Masdevallia fenestrata Lindl
658 × Stelis ophioglossoides Swz.
613. × Microstylis umbellulata Lindl.
614. × ——— spiata. id.
641. × Bletia verecunda R. Br.
671. × ——— patula Hooker
665. × Broughtonia sanguinea R. Br
649 × Dinema polybulbon Lindl.
oo. Isochilus globosum Lindl
oo. ——— teretifolium id
633. × ——— lineare R. Br.

644 × Epidendr: rivulare sp. n
645. 646. 642. — umbellatum Swz
630 × ——— ramosum Jacq
oo. ——— Wrightii sp. n.
635 × ——— variegatum Hooker
636 × ——— fragrans Swz.
oo ——— nocturnum L.
oo ——— vireno Lindl.
628 × ——— fuscatum Swz.
oo ——— Boothianum Lindl
oo ——— diffusum Swz.
oo ——— phœniceum Lindl
646 = 640 ——— cochleatum L.
643 × ——— polygonatum sp. n.
639 × Brassia caudata Lindl
667. × Ionopsis Gardneri ? id
670. × Oncidium sylvestre sp. n
668 × ——— variegatum Swz
666 × ——— luridum β Lindl
oo ——— Lemonianum id
669 ——— unoeoides. sp. n
oo. × Dichæa muricata Lindl
oo ——— glauca id
647 × ——— sp. n ?
oo ——— squarrosa Lindl
650 × Camaridium vestitum Lindl
637. × Calia Bauerana id
627. × Polystachya luteola Hooker
631. × Govenia lagenophora Lindl
oo Warczewiczella discolor Rchb. f.
634 × Lycaste ciliata Lindl

638.× Maxillaria crassifolia Rchb. f.
632.× ——— pallidiflora Hooker
664. Comparettia falcata
672.× Vanilla claviculata Swz
625.× Habenaria maculosa Lindl
622.× Sauroglossum tenue Hk. n
621.× Cranichis monophylla Lindl
oo. ——— pauciflora Swz.
620.× ——— muscosa Swz
626.× Prescottia colorans Lindl
oo. ——— pellucida Hk. n
618.× Stenorhynchus orchioides Rich
619.× Spiranthes elata Rich
oo. ——— truncata Lindl
624. Physurus hirtellus id
623.× ——— plantagineus id
617.× Pelexia setacea id
oo. Chloidia vernalis id
615.× Pogonia macrophylla Hk. n

John Lindley

Feb. 16. 1855

Quere, No 631 ²= 661?

"6 & 6 Epid. dendrum cochleatum" = probably 640.

660. not found in this list

21 Regent St London S.W.
May 24. 1857

My Dear Dr Gray

I thank you very much for your note of March 10— and for the interest you are so good as to take in the little Commission for Wight— You ought to have had in return some satisfactory information about Griffith's works. Just to Dr R. the day I got your letter— and I have since endeavoured to obtain a copy— but Dr deems it to be too complicated with the books. R. however verbally assured me the other day that Wight was upon his doing his best to make your set complete.

I entirely adopt your commission to London about Orchids. It's a point of honour with me to do all I can to work up this difficult order; & for the present I am sticking to the Indian species in order that H. L. T. may know what they have collected. After that I shall to research Polia Orchidaceæ — but it's my slow work, every accessible species requiring to be analysed & examined, in order to avoid the many errors which any body inevitably falls into with these difficult things — myself my self not being excepted.

Your manual &c have come quite safely — and they seem very good plain — altho' I can't agree with your estimate of the wood cuts — in point as they are

I am looking out for rival plants for you but it's my slow work — for I have hardly any time, am not well, and can't work by candlelight as formerly.

Pray believe me

Yours very truly

John Lindley

HB
LONDON
PAID
2
Dr Asa Gray
21
Cambridge
Massachusetts
U. States

(Cambridge March 27)

21 Regent St London
Feb. 27. 1858

My Dear Dr Asa Gray

I have sent 4 copies of the Lolia to Hübner; and will ask you to have the kindness to distribute them as may be most useful. I have consumed all my lies on this write in determining Wright Orchids, for which I owe you a list. Whilst right I thought little novelty would be found but a careful examn has shown the collection to be rich in novelty. I fear how them will be some confusion about the numbers, as Lindley & Hunt both mix me much mixed. Will W. never again to put the flowers of Orchids in hot water. They dry quite as well in the usual way, and when boiled are in the most spiny most difficult to

dissent if dissentable.

I shall hope shortly to get the Iron Lotherplants blasted for you — now that Wright job is finished. Any wife fill a large chest

Yr truly yours

Wm Kindley

LONDON
FE 27
5
CENTS
L
FE28
A
Dr Asa Gray
Cambridge
Massachusetts
U S

Dr Asa Gray
Cambridge
Massachusetts

Acton Mem Co.
May 29. 1858

My Dear Dr Gray

The last answer I received from you to the queries in your letter of March 23 was a copy of the paper that Wright wrote which you have doubtless received by post long ago. Some of the plants are much mixed, & it will be necessary to compare the descriptions with the specimens and not to trust wholly to memory. This known is true only of Lepachys & Rhus Metallica.

I have just tied down the last packet of seed plants & as soon as I can get a little leisure shall forward it. You will

I hope begin my lectures — Unluckily my lectures came on when I could look to the Grid Plants

I am not worthy of such a present as your Botany of U.S. Pacific exploring Expn — months ago I a. span copy still remains which accept gratefully.

Thanks to you & Dr Torrey for the last 4 to books — the name of which I forget — they being in the hands of the binder.

What a strange taste is that of my poor friend M. If his views are to be adopted all Synonimie must be extinguished.

His very angry — as people the wrong usually are

Yr truly yours

John Lindley

Acton Green, Turnham Green
London W. Sept 24. 1858

My Dear Dr Gray

I am glad to hear that the box has arrived and been found useful. I was afraid you would have thought that it was "more coy than wood" as we say.

Have I ever thanked you for your beautiful book?

Have I ever sent you any more copies of Dolichandra? Somehow or other my memoranda have got into confusion

Do you want copies of any papers on Orchids in Linn. Journal?

And now for the main business of this. I have finished drawing the Orchids you sent me & here is the result.

Nicaragua Wright

1. Epidendrum radicans. 2 Epid. very near E. ionatophyllum but with entire petals. 2a. a variety. 3 Ep. macrochilum. 4. Ep. a very distinct & interesting addition to § Diacrium. 5. Oncidium ascendens. 6 Camaridium sp. nov. 7 Evelyna (cephalophora Rchb f.?). 8 Evelyna purpurea or a very closely allied plant. 9 I dont seem to have. 10 Sarcoglottis, perhaps new — but the specimen is a bad one. 11. Bracavola nodosa.

Japan. Wrights

1 Pogonia ophioglossoides, certainly. 2 Arethusa sp. n. quite distinct from A. bulbosa in labellum &c. 3. Calanthe discolor. 4 Cremastra (= Hyacinthorchis variabilis Blume). 5. Oreorchis sp. n. very interesting. 6 Epipactis sp. n.
(Epipactis autumnalis or Japonica)

7. Aphalenthera [Epidaus] nov. - near ensifolia —
8. Orchis latifolia. 9 Habenaria (nec Platanthera) sp. n.
10. Platanthera tipuloides. 11 Cypripedium japonicum

Loo Choo Wright

335. 336. 337 Spiranthes australis. 338 Aceras - angustifolia affi. 339 Goodyera procera. 340 Microtis parviflora!!! what a jump from Australia! 341 Luisia indeterminable but surely new account of 5 short oblong fruit. 342 Liparis [illegible] nervosa.

Bentham says there were no Hong Kong Orchis in the parcel

Why you see Wright has got some good things

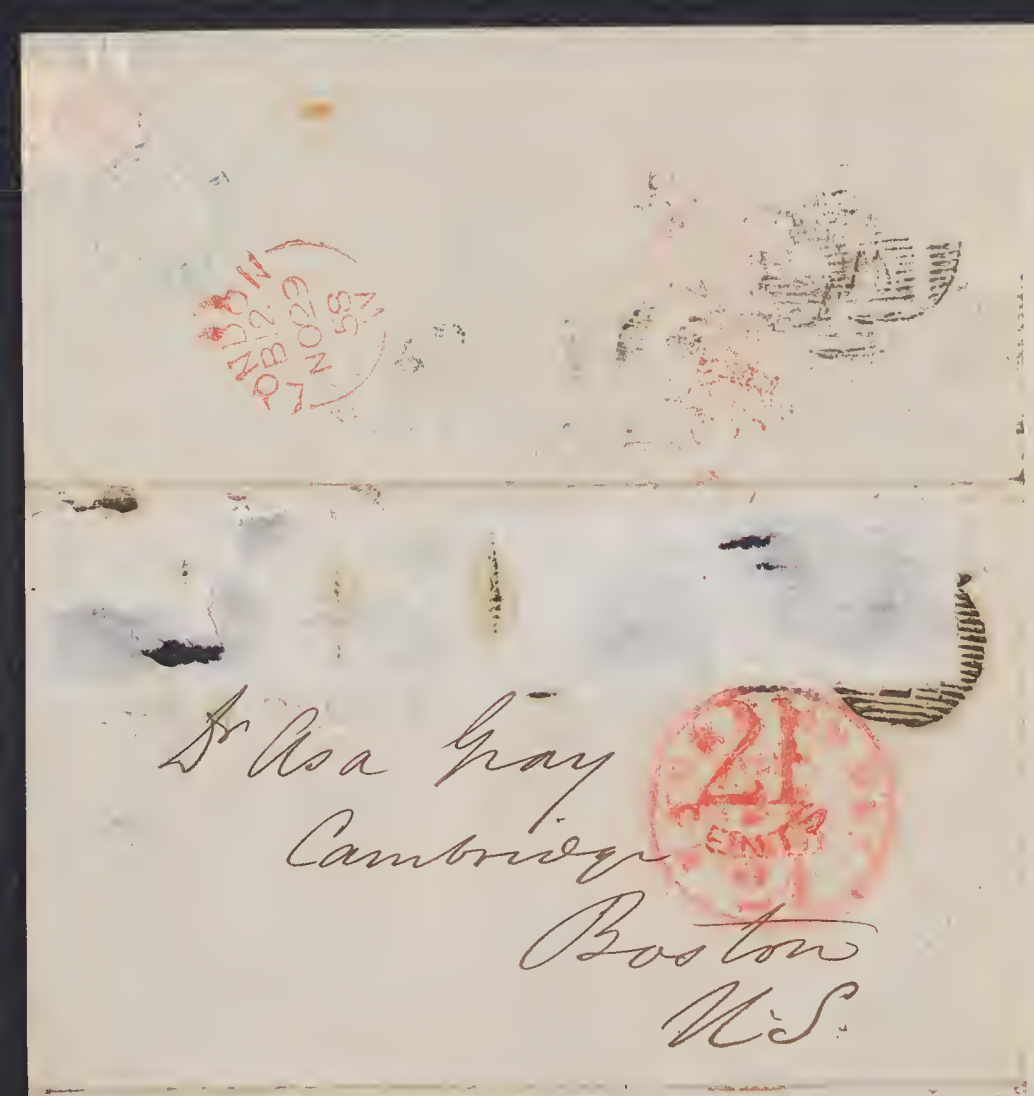
You had made a little paper out of them materials, with chars. of the new species and names.

very truly yours
John Lindley

LONDON-EC
8M
SP 25
58

2½ PAID CENTS

Dr Asa Gray
Harvard University
Cambridge
Massachusetts
United States



London 21 Regent St.
Nov. 29. 55

My Dear Dr Gray

I have no memorandum [illegible] which Darwin was: as I distributed them among the persons as soon as determined I sent their names to you without keeping a copy. I shall be happy to give you an account of them if you will forward Letters on my list.

I shd have been very glad to buy Fenton's plants: but alas! the loss of £500 a year from the Agricultural strike stops me & [illegible] my thinking of buying collections for the present.

I shall send you some notes of Dr Darwin's

in which I have worked up Stelis
a dreadful genus, & which I consider
more than many species.

If you have a good specimen
of Acrida Lurida you would find
it into any parcel that may
come, as I have mislaid my
own of the genus and want
to study it.

My dear Jones
John Lindley

Acton Green, Turnham Green. London W.
Jan. 24. 1859

My Dear Gray

I send 219 sheets of fuci in
1. Cystoseiras. mm duplicates 27 = 192. I can then distribute 50 in
fruit only or neither in fl. nor fr. 18 = 174. Of these
about 1/3 are common under 30 things. After consulting
Harvey I shall pay £4 for them. If you think
that not enough I will give Harvey the diffce
2. Cystoseiras (Japan Orchid). I have sent you by
post the 2nd part of my Contributions to the Or-
chidology of India — which I had fancied you
must have had long since in the Journal of the
Linn. Soc. In this you will see about
Cremastra Dreorchis. I am satisfied
that the Japan Cremastra is diff. from that
of Java — in the acute middle lobe of the
lip and in the winged appendage, just as
Blume's artist represents it in his "Museum"
I have given no name — Name it yourself
But any variation? — Dreorchis (see
also Contributions pl. 2.) Your species is near the
Siberian O. patens but it has linear grassy, not

broad lanceolate leaves, a scape without a leafy vagina, a much larger inflorescence, a bottlism unpiculate not beaked, with the middle lobe narrow Lanceolate shaped at base, its 2 lamellæ contiguous projecting only a little beyond the junction of the lateral ones with the middle lobe —

6. Numbers have come mess with labels. What you now send as Cephalanthus Japonica is what you sent before marked Epipactis Numbergii. Very likely it is but Scapis with a muddle-headed Numbers. As to No 7 it is clearly what you still call J and I still think distinct from C. ensifolia. Atkins shows a gamut of such mystery leafy bats among my specimens of that species. But if this Numbers Scrapis fabaria which has spurred flowers has bats at all why then his figure is not guides but misguides. I am now inclined to regard it as the S. longifolia. If the flowers were really pendulous, of which Kompferday says they may have been wetted, or the worthy Lord Mayhan noted instead of the flowers. G. Habenaria is certainly not O. japonica which seems to be my Habenaria linguella. It is a new species of the northern division. Not among the Indian forms.

Liparis Liliifolia — Yes. It is rather Indian collections.

Lobelia — I've don't want one — here. The Acera is new — the Nicotia is a curious outlying species of the Australian genus — certainly Nicotiana. Of this is I can say no more.

Talk with about Nicaragua Canal.

Why don't you stir up Lawes to worry you with Liberal (?) Government into a book put in my way to pass Europeans persons. It's a shame that the United States ought to be as bad as Spain

Yours

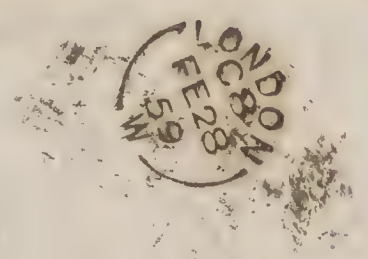
Athenæum Pantheon Steps
London W. 28 July 59

My Dear Dr Gray

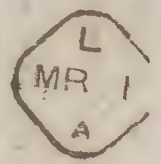
You have indeed performed a valuable act of friendship my formal acknowledgment of which is indeed. I am so much a republican in sentiment that I attach little importance to honorary dignities; but I cannot but feel that to be thus made an Hon. Member of the great Amer. Academy is a distinction of which any man may be justly proud.

I am immersed in Solar Evidence & have a new memoir, Lx diagrams, ready to go to the printer. A ninth number is in the press with the completion of Rumothally; & when that is done I think the most difficult doings in the work will have been arranged. Sunday Collection is rich in Italy & Rumothally as you will see: they in fact constitute the most interesting part of his Collection. So that nothing worthy of a paper for you now remains. I will however try to find a subject sometime in the autumn. I am sent Monday I shall be occupied for more than 4 mos. with my Lectures

Yours very truly
W. Lindley



Dr Asa Gray
Harvard College
Cambridge
Massachusetts
U. S.



Tenden Venezuelan Orchids

Italy & Pleurothallis sec Solia
Orchidaceae Rhenthe number
on all quoted

-1406
-1420
1423
2139
} Physurus various species

2130. 2134. 1456. 2439. 1450. 1451.
all had Lindenmeadii

-1411 Pontheva glandulosa
1402 Prescottii — Mantagnei
2140 — do — micrantha aff.
-2135. 2136. 1412 Cranichis various
2438 Spiranthes grandiflora
1407 — near Galeottiana
2137 — elata
2624 Pelexia
-1399 Platea
-1400 — do —
1433 Epidendrum teres
— macrochilum
2124
2436 — marbicornutum
-1383 — ciliare
1384 — cuspidatum
-1448 — parallelum?
-1447 — brachychilum
-1452 — ochroides
-1770 — mutans
-1453 — Lindenii
2128 — ? ?) perhaps new
-1445 — ? ?
1442 — rigidum
-1430 — umbellatum
2142 — nocturnum
1440 — ? ?
-2144 (1435) — ? ?
1421 — near patens and macrobotryum

-1419 Habenaria maculosa
-1409 — Pathacea
1408 — myriantha
1418 — entomantha
-1417 — brachyceras
-1414 — Lindenii
1458 Angraecum — nobl. near A. organense Rchb

-1397 Chloidia
1394 Bolbophyllum bractolatum
-1410 Polaxis (Liparis) Galeottiana
-1422 Liparis near ramosa Rchb
2141 do — lilifolia vaginata & bituberosa
2440 maxillaris meridensis &c
-1393 — superciens? fl. unicum
2127 — nobl. near decolor perhaps Dicrypta dicolor.

-1454 Camaridium?
1455 Ornithidium (distinct)
2154 — do — Lophrontis
-2146 — do —
-1441 — do —
1385 Maxillaria Onustum
-1376 Onicidium Onustum
1378 — fuscinum
1379 — (sp. n. nobl. perhaps luridum
1380 —
-1382 Odontoglossum
-1375 Warszewiczella sp. n.
1366 — dicolor
2621 — sp.
-1429 Telipogon
-1396 Kollensteinia
1388 Leochilus sp. n.
2129 Didactyla sp. n.

1395 Govenia

2583 Gongora Jenischii

1457 Dichaea muricata

2447 —— do ——

1377 Acineta Humboldtii

7389 Trizeuxis falcata

1364 Comparettia falcata?

2435 —— Coccinea

1365 Scelochilus

2442 Scaphyglottis violacea

2445 Cyrtidium sanguinolentum?

1455 —— —— miniatum

1367 Cranichis cephalotes

1390 —— do ——

1405 Stenorhynchus

2621 Chondrorhyncha

1361 Maxillaria lowiana?

—— 2 —— maculata?

—— 3 —— near Meleagris

—— 9 ——

1370 ——

—— 1 —— probably triangularis

—— 2 ——

—— 3 ——

2457 ——

2622 Acanthophippium tripterianthum

1456 Pogonia striata.

What are 1413 ——?

11416 ——

1429 " Microstylis?

2123 Ophrydium?

1435 1434
1437 1459
1438 1462
1439 1359
1444 1428
1443
1446
1449

Rembrandt Green Acton Green
London W

Oct 31. 1859

My Dear Dr Gray

I am glad you have seen my attention to the Orchidaceæ — You will find that I have made your commands. Leaving Antwerp as we often called for by some unexpected circumstance that they have to be carried off at grand galop; and I had quite forgotten your matter. Nevertheless poor Hooker Japan will repay your perusal. [redacted] your specimens in the G.H. which has a very large [redacted] in all directions.

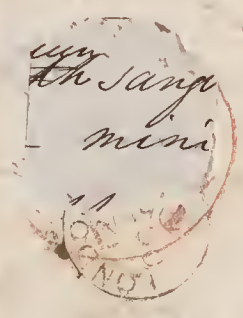
I have some tiny orchids from Wright, & some critiques on my papers. I will attend to them soon: but such misconceptions as he has revealed out are caused by the impossibility of determining the form of little membranes when flowers are kind as his frequently are. He is an acute fellow. Lately I have been running on Sunday plants & send you my first rough examination which will enable you to get them into shape. The queried names are probably, but not certainly correct.

Many thanks for your capital papers the which come safely.

I am [illegible] all writers engaged in working

apply any Vol. Reg. the Genius of the order, which has now come to such a pass that they cannot assemble a squad of young soldiers all in confusion during drill — any body has lost his head & nobody can find it without the aid of the Sergeants

Affectly yours John Kinsley



Dr Col. Shaw
21st REGT
Cambridge
Massachusetts
Mass. State

Wright's Cuba plants

1701 Dichaea squamosa
1700 —— glauca
1487 —— same as 647 (sp. n.
1702 —— muricata
1486 —— echinocarpa ?
639 Brassia caudata
1698 Galeandra Baynichii aff.
1471 Oberia ovalis
1497 Angrecum Poeppigii (near little with this is another Angrecum without flowers
1697. Flowers mixed — some Maxillaria ? laid ?
1692 Angrecum sp. n.
1694 Habenaria near brachyceras
+1695 (1691) Pleurothallis spicata
1696 —— umbellulata
1495 Liparis
1493 Eulophia graminifolia
1488 Oncidium sylvestre
668 —— allied to paruly an variegatum
1491 W. Epidendrum rigidum
—— umbellatum var.
1498
1490 aff —— nocturnum
1490 —— dis color — a var fasciculatum
1690 —— umbellatum var.
1693 Epidendr. Wrightii
1699 —— auritum
1489 —— applicatum
1492 —— phaniceum
1494 Isochilus globosum
1483 Colax Baueriana
1484 Maxillaria alba
1485 —— insecens
1695 Warczewiczella discolor ?
1472 Physurus histilly.
1482 Sperantha Gardneri
1479 Cranichis pauciflora
1480 —— monophylla
1476 Pontheva glandulosa
1703 do —— do ?
1474 do —— do
1475 do
1473 Prescottia pellucida
1477 do —
1478 do —
658 Stelis ophioglossoides many states yet
1708 Liparis ludens
1707 —— trichodactyla
1508 —— ciliata.
1512 —— Pisteria tridentata Lwz not B. Rg.
1511 —— do
1510 —— do
1481 Habenaria. an sp. n.. ?
1704 Pleurothallis obovata
1509 —— floripecten

without number

1499 } Aerides Thelly volaticaulis
1706 }
1705 —— crassifolia
1496 —— testefolia
1573 —— sp. n.
1502 —— longifolia
1503 —— Lyobii
1504 —— mucronata sp. n.
1506 —— sp. n.?
1507 —— do
1709 —— do
1505 —— trigonifolia } Wight
tuberculata }
1500 —— prostrata
1501 —— hymenanthera.

Vanilla — planifolia.
Cochlioda cochlearis on Oncidium tubercul.
Epid. (all) Schomburgkia Lyonii
Coryanda spicata = Gongora atropurpurea

Epilogum

The little Cochoo plant picked up by Wallich is a new sp. of Gymnadenia
Attensteinia Luteola Indian Study
Courtesy is Myrosmodes antennifera Rchb f

My Dear Dr Gray

Here are names of the Orchids — Among the Pleurothallis I found some confusion, two other species having somehow become mixed: and the Ankylotis of Wight described — Howard has written them as Wallich's Com. of those without number I cannot give names — nor indeed have I time just now to determine such tiny things. They are probably new for the most part. Many of the plants I had before is that I am still off for duplicates. Shall I return them to you with other things laid by for you.

Yours truly

John Lindley

Acton Green Turnham Green W.
Sept 17. 60

Prof. Asa Gray
Harvard University
Cambridge
Massachusetts
U. S.

Acton Green, Turnham Green
London W.
Jan 21. 1861

My Dear Dr Gray

I had not intended to take Wrights plants — for I am getting poor old — However now they are laid out for me let them come. I write in haste having unluckily mislaid y. L. of Dec. 10. and being on the point of running into the country for a day or two.

I shall send back Wrights dupls. Orchids — along with dried plants in the Summer this Spring — that is to say if the Southerners have not eaten you.

Yours truly
John Lindley

Prof. Asa Gray
Cambridge
Massachusetts
U.S.

3 CENTS
LONDON
C12
JA21
61
W

Acton Green, Turnham Green
July 12. 1862

My Dear Asa Gray

Peccavi — Non Orchis of Wright's lie heavily on my conscience. Unfortunately an accident to my hand has for more than 12 years prevented my holding a dissecting knife: and then the International Exhibition has for many months wholly absorbed me! However, on Thursday ceremonial (really a very pleasant one) shd come off: yesterday I hope that my daily bondage experienced a serious diminution, and one of my first acts will be to work up these Orchids. But it is a "big job." though not so big a one as you know of. I hope to be more successful than your friend A.L.

Most truly yours

C. Darwin

Turnham Green
London
Dec 6. 1864

My Dear Dr Asa Gray

My head is totally out of condition and I am very desirous to return to you the Orchids named in your letter of June 24th 1863 before I lose all power of recognition. What can I do with them. I dare say Mr Bateman will take them in hand if you approved — to touch them yet. I have never been able to let me pray be good enough know what to do with them.

Yours truly
John Lindley

Orland Me, June 27/87.

Prof. Asa Gray
Cambridge,
Mass.

Dear Sir,

Will you have the kindness to inform me whether the flowers of Lepidium Virginicum appear earlier in the season now than formerly, or whether, as seems more likely, certainly, the books and my recollection are at fault? Your "Manual" gives as the time, "Aug. - Oct.," and twenty years ago when it was rare in this vicinity I occasionally, and only, found it in full flower. Within a few years it has become very plentiful almost everywhere in the fields, and has blossomed earlier in the season apparently. This year I found it in bloom side by side with

The common dandelion ten days ago, and now I can see from the window a patch of them as from upon rock literally covered with its blossoms.

Yours respectfully
A. A. Littlefield.

J.U.Lloyd. N.Ashley Lloyd. C.G.Lloyd.

Manufacturing Pharmacists.

Lloyd Brothers,

Wholesale Druggists,

Court & Plum Streets,

Cincinnati, O.

October 2nd, 1888

Prof. Sereno Watson,
Cambridge, Mass.

Dear Sir:--

I desire to acknowledge the receipt of the 17th Contribution to American Botany, and to thank you kindly for your courtesy in the matter.

Yours truly,

C. G. Lloyd.

Dictated
C. G.L.

Locke

Medical College of Ohio
Cincinnati Nov. 29. 1853

Dear Sir,

I inclose to you a little yellow dust which appears to have fallen in a shower of rain in and about our city. It is organic consisting of 3 cells containing a yellow material, though they are often empty. Side views ⊂⊃, top view ○, bottom view ⊙, when dry ⊙, wet them and they will expand. They are combustible but have scales of silica. Are they the pollen of any tree? The accompanying is almost the only thing in bloom with us at this time? Is it a simple cellular vegetable? or is it infusorial? Their actual length is 8.00 of an inch. I have not studied the microscopic character of pollen.

Yours John Locke

Asa Gray
Harvard University
Cambridge
(Mass)

Lockyer

Publishing Office,
BEDFORD STREET,
STRAND,
LONDON.

March 30 1874

My dear Sir

I do regret the honour
passing to you has not been
as early as I could have wished as
Darwin work for a 'life' to
accompany his portrait in
Nature.

I send by this post the
portrait & also the portrait
of Huxley & his life by
Haeckel & when you have
done an idea what we are

how doing. i.e. giving estimates
of how & many dead men
of Science absolutely free
from local colouring &
"clap-trap"

You are distinguished
both in Science proper &
for as we shall could
trust: I shall be very
grateful to you if you
will so far help us.

Believe me
My dear Sir
With the highest respect
Ever faithfully yours
J Norman Lockyer

Lockyer

NATURE

Advertisements and business letters to be addressed to the PUBLISHER.
Editorial Communications to the EDITOR.

Publishing Office,
BEDFORD STREET,
STRAND,
LONDON.

March 26·77

My dear Sir

Will you do me the favour of writing for the Nature Series of Scientific Worthies, an estimate of the work of Dr Hooker. I should be greatly obliged if you would.

A copy of the portrait of Dr Hooker will be sent you.

I am yours truly
Norman Lockyer

Prof. Asa Gray.

Acc. 16.

Stockney nr London 11 June 1845

Dr Asa Gray

Dear Sir

Your agreeable letter of 30 April we have received with much pleasure and are very glad to learn that the plants arrived pretty well.

We have also to return you our sincere thanks for the valuable volume which we have received from Capt Wilkes & Patterson.

Many thanks for your kind offer of Plants — many of them before sent are doing well but Bogkinia & Saxifragia we could not get to grow. The Ferns will be very acceptable also Oakesia or Uvularia Connadii which we have never had and any of your new accessions from the West or South — any thing in the Orchideous way. any Cypripedeums &c and Melichrus rupens which we have all

bar last.

We will not trouble you for Spiraea
ulmifolia, Linnaea borealis, Andromeda
calyculata, paniculata, polifolia, or Rhodora
Canadensis as we have plenty of them all.

We remain,

Dear Sir,

Yours very truly,

C. Loddiges & Sons.

MANCHESTER
JU 13
1845
A
PAID
Dr Asa Gray
Harvard University
Cambridge
Massachusetts

Dr Asa Gray Answd July 15th

Hackney nr London
7 Jan 1846

Dear Sir

We have duly received your kind Letter of 15 Nov as also the Box of Plants by the Francis Ann and the small box by the hands of Sir W. Hooker, they were generally in excellent condition and we beg to return you our grateful thanks for the very liberal manner in which you have supplied our wants.

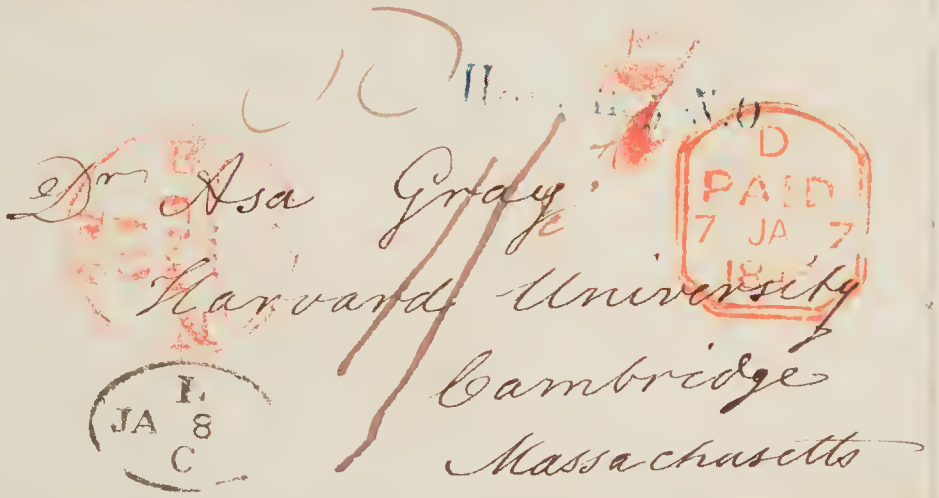
We shall be most happy to send you out any thing which you may be desirous of obtaining if you will kindly favour us with a list, we believe you prefer having plants in the spring, so that there will be plenty of time when we get your answer for us to send them.

We remain

Dear Sir

Yours very truly

C Loddiges & Sons.


Dr Asa Gray
Harvard University
Cambridge
Massachusetts
PAID
7 JA 7
JA 8

S. undulatum L. Like a cross between S. arcuatum and S. circumdatum (Bot. Zeitsch 1874) close to S. agglomeratum!

S. microdon Close to America Section, intergroup Leucanthemum Fries, which would form a group characterized by "involucres capitulate" along with S. circumdatum (have you ever of true species, author Runge?) a very distinct one whose affinity to S. microdon, known to be a native of America

S. cyathiferum Lindl.
S. barbigerum Don.
S. physanthum Benth (Chilian) along with another very distinct species which I had indirectly from M.r Pechegg under name S. Gayi, which were for the peculiar inflation of the stamens for the point of the involucre, the complete mutation of the "involucrum" rays & the habit may perhaps rest aside from involucratum proper, and still more far from the S. multigroup S. flaccidum amplectens, depauperatum & robustum S. barbigerum is not to be associated. Recapitulation!

S. involucratum sect
- S. amphianthum
- S. Balbisii
- S. annuum
- S. bifrons
- S. brasilianum
- S. corymbiferum

S. involucratum
1° Group S. involucratum
S. mutabile
S. monanthum
S. Australe
2° Group S. magellanicum
S. Watsonii
3 " S. pannosum
S. var. nebulatum
S. appendiculatum

Cyathiferum
S. cyathiferum
" barbigerum
" Gayi
" physanthum

S. Sanctae
- " dasyphyllum
- " nanum
- " conspicuum
- " microcephalum
- " asperum
- " dominae
- " Bicolor Willd

S. macrocarpon var. dichotomum

S. Ringii
- S. cardinianum
- " reflexum

Stenoseminum
S. intergerphalum Forsch var. Lemmoni Mihi

S. gymnocarpon

Microthemum
S. microdon
S. circumdatum (Chilian)

S. amplectens
S. depauperatum
S. flaccidum,

The species which I am most anxious to study are S. solonifolium
S. hegadense &c
- S. dendroideum
S. Bolanderi
S. adenophorum
S. pumilum
S. crinicephalum
- S. Parishii
S. Brandegei are all the

specimens you can dispose of. Involucratum I hope after you will kindly give me your opinion on the subject and possibly send me the species I request you or lend me a bit of the authentic Specimens. Do you know anything about S. barbigerum Don. and Reichii? What do you think of the

Paterno 9 Jan 1880

Dear Dr.

I suppose a letter I wrote you some weeks ago, since which I addressed you two papers one on Sedum & Sempervivum, along with an aggiornata list review of the Genus, which I hope you will accept as a Souvenir upon your visit.

I have now practically analyzed the American species which I possess and I prepare myself to publish a review of these very soon, but before publishing the result of my studies and views exactly I think proper, aiming to the sole object of making the good of science rather than sanctioning our own, to open to you my ideas on the subject as this matter is most easy for the species themselves most affected as yours & synonymia of many of them are the more in my case as I find far from your places very scanty of books, possessing only your last Revision and S. Gray's Flora, and very far from possessing a good lot of specimens as would be necessary in order to get a proper idea of the limits in variations of species under these circumstances of course I may mistake in my appreciations. Nevertheless, after various analyses I think that some innovations which not necessarily occur, cannot be upheld as these repose on well determined and constant characters, and which may be the recent ideas in the way of appreciating species they authorize a monographic treatment account of these characters resulting from strict comparison, and to distinguish one thing from another.

Bidding your patience I enter into the subject following the letter order of your list, in speaking of the species you report:

I do not as to S. megacephalum, anceps and Lemmon though your diagnosis of the latter is quite improper, owing of course to the bad specimens at your disposal. The question as to the place that these most splendid species ought to take in the Genus and thus I do not said is my own and must rest resting open. I think they belong to S. dispermatum that is to say to Section dispermatum. The characteristics of this group are quite very feeble as you know, along with S. dispermatum & alpinum the sole European representant is the typical form of this Section. Close to alpinum there is also S. maximum. Positive differences marked exist between maximum megacephalum etc! other differences in habit! entertaining the species as excessively polymorphous as pronounced between

Stem and regards form of organs as rather slight.

S. effectum is a form difficult to place, it is very close S. calvescens which mightily you have studied very far from effectum quite close to dasyphyllum. Such is a perfect Amoun life! I do not know Stolonifera

S. involucratum } are unfortunately unknown to me
S. plumosum }
S. longifolium I do not know what relation this may have with the two varieties but it looks me as of a place among Lupinaster than among Amoena, being very near allied to S. dasyphyllum. S. callosum also is unknown to me.

S. Bectinatum seems to be allied to Lupinaster but its habit as S. Sinuatum (very peculiar for the form of its corolla) is very different from the two types (each of them heterogeneous) Lupinum megacephalum.
I do not know. Botanical

S. nanum a typical Lupinaster!
S. Brandegei unknown.

S. gymnocarpum Legumen unknown, whatever its form and structure may be it is nearer to Amoena than to Lupinaster and precisely close to our S. montanum so difficult to place. Its habit is very similar to meagre specimens of S. Lemmoni, as I have from your goodself.

S. macrum a rayed representative of our large Section Lasgopus. S. dichotomum is scarcely a variety of macrum

- S. citrinum
- S. gracilentum
- S. Bridgesii
- S. amabile
- S. breweri
- S. amphianthum
- S. Palmeri

} belong to Sect. Amoena!

S. cedrorum is very close to S. effectum!

S. hyperiense
S. Sandwicense } unknown

S. Parryi
S. dasyphyllum } Lupinaster!

Let us begin with S. involucratum a most difficult group, as to synonymy.
You have sent me under S. involucratum three specimen forms the same for S. tridentatum which certainly just as many good species. From N° 29 to N° 32 that is to say about 10 S. monanthum we have a most natural group. Close examination allow us thoroughly to divide the group into 3 subgroups — which are typical forms are
1 S. involucratum vera.
2 S. tridentatum Lindl
3 S. pomeriformis Nutt

N° 1 is distinguished by calyx-teeth subulate, from the base
2 " subulate from a very broad base
3 " stipules whose circumscription is perfectly round, few equalling in length and often apiculate reflexae. In this latter group the calyx is just like in involucratum. Taking for base these three superior characters I have been tempted to adopt the name of Douglas Nuttall on Gray but accepted S. pomeriformis, the known under distinct species I have been unable to upset it more of the specimen of which I can only say look for, what is colasiflorum? S. variegatum S. S. arcuatum polyphyllum melanianthum intermedium?? I have just now named to the forms belonging to the 3 groups one belongs to involucratum group. I have named S. Nuttalii another belongs to tridentatum Nuttall & I have had the pleasure to honor with your name another to variegatum subgroup which I made named S. appendiculatum owing to the rostriform acumen of the keel. Probably you will laugh at me in reading these lines, but I must say that I am not decide upon the foundation of these new species till I may be in the case of looking to good lot of specimens of the S. involucratum section and till I may know what intermedium colasiflorum melanianthum decipiens polyphyllum &c are by means of most authentical plants.
So I beg you to be so kind as to give or lend me authentical bits of the above named species unless I must decline my task and I will have spent 6 months of labor mostly without obtaining the proposed result. From my side I will do any endeavors to find as soon as possible a small bit of the probable neo species in order to have a good answer from you in that way I may know whether the species proposed to me deserve to bear my name or not.
I have a peculiar variety of monanthum which I may call, var. caulescens.—

J. Fairbairn

Small specimen here enclosed, have you ever seen it? What is its name?
Is it possible to have some American books as Cook St Bridges,
Beechey's voy.. Cooke Jc St. ? .. against Sicilian Plants?
I wish you a good new year and beg you to favour me if I have
entertained you too long believe me your's very truly

W. Jacomb

Salem 12 Jan 1880

Dear Sir!

I am very much honored by your wish to have autographs in a blank book for your collection & am glad to oblige you

I am now writing a work on Witchcraft & have many pieces & a manuscript of the times & proceedings & may have some days up to your library. I am very scarce of specimens. Those I do have are the most interesting and I am in a great many cases more willing to publish this small pamphlet on account of not getting private copies. Mr Goodell's copies are very much in forwarding me many pieces of which perhaps I am indebted to you also on this occasion I think that of Mr Tho. Lee. I had you it in my power to dispose of some of the pieces which I have in my possession, I would with pleasure, & should be glad

please to send me as many specimens of each in this case as you can conveniently and promptly return you. I am very much in want of specimens of this group. I am curious and anxiously want to know what certain species, for instance, T. obtusifolium Hook. T. molyphyllum & Humboldtianum Kunth. do are? You decide myself to publish my writing with some innovations which necessarily must having already carefully analyzed and described in MS. I will be more on species except some very rare of the Cape of Good Hope, and some else

I am sure that you will endeavour to oblige me and to a student and so my most humble wants may obtain a favourable result.

If you will oblige me to make a exchange of Indian plants most willingly I will prepare for you a collection a good set of them, & address you meanwhile which is Calcutta (2) I have visited two years, though I fear that having already collected many of them, I shall not be able to send you a similar one the plants of desire. The botanist who has been very kind to me, will receive in the same time a prospectus where I have described my ideas in the distribution of the Indian species of Swertia and I have

I am in hopes that my book might prove more useful to some young in such occasions the opinions of men of this country who have had many years constantly Study the subject. I should have written my paper in Spanish but I feared it to be annoyance, I have been invited lately from you, but I imagined easily that time is most precious to my learned men to spend it unworthily in subjects extraneous to their business; it is supposition today that whenever you would be disposed to give me your opinion on the matter I would feel greatly honored and obliged to you.

Offering my services to you, accept for my most sincere respects and believe me yours very truly &c.

Mr. Jacobs
Consul U. S. to Jamaica
West Indies Falmouth

To Professor A. Gray
Cambridge
Mass. U. S. America

P. S. Over

Radicicola
Aspergillus niger Tode
" fuscus "
" flavus "
" albicans Sacc.
" virescens Schulz
" Amstelodami Sacc.
" glaucus "
" candidus Bref.
" Oryzae Cohn
" Wentii Sacc.
" ochraceus "
" Oudemansii Spec

Palerme 21 Janv 1880

Monsieur et honoré confrère

Permettez que cette fois-ci je cherche, en exprimant mes sentiments de vive reconnaissance que je vous dois pour les faveurs répétées que vous avez eu l'obligeance de me faire, vous soumettre moi-même à peindre les sentiments de vive reconnaissance que je vous dois pour les faveurs répétées que vous avez eu l'obligeance de me faire. Votre second envoi m'est arrivé à propos et m'a mis dans la position de pouvoir compléter la revision des espèces américaines jusqu'à ce jour connues. En effet il ne me reste aucune autre chose à désirer. Après avoir essayé vainement des demandes auprès des savants botanistes auprès des primés votre feuille accueillie me donne des savants dix exemplaires d'une idée bien différente de celles que malheureusement je dois condamner de celles du Brésil.

J'ai reçu votre envoi en bon commissionnaire j'ai reçu aussi votre envoi de livres ces derniers me sont précieux quoique je n'y ai trouvé aucun chose qui regarde les Spirolobées. Je savais bien que les livres en j'aurais pu apprendre sont rares de trouver, mais cette dernière édition doit avoir à cette heure épuisée - j'espère d'être adoptée aux conditions et je désire pour moins de dix heures si impatiente qu'aucun jeté à coup sûr beaucoup de lumière sur les espèces sur lesquelles je consulte des données comme je vous disais dans ma dernière je veux présenter comme base de principe accepté en botanique la revision des espèces des Steps d'Amérique que j'adopte pour le travail, quant à ce je tâche avec empressement à me mettre au courant j'ai voulu le soumettre à votre examen.

Malheureusement je m'aperçois après le nouveau supplément d'espèces trouvées parmi comme les espèces d'Amérique doivent atteindre un nombre beaucoup plus grand que celui auquel j'étais arrêté je suis pendant aussi encore

Le dernier échantillon que je vous ai envoyé est de Pyramidium et le dernier que j'ai appelé Stemmacantha Stemmacantha (nom Stemmacantha jusqu'à présent) a comme j'avais déjà supposé plusieurs synonymes mais il en diffère suffisamment - Cardopatium Corymbosum Spirolobium Cardopatium probablement tous les synonymes, Silybum Marianum Picnomon Acarna, je ne sais pas pourquoi le temps de votre poème Cardopatium Corymbosum pour le haut et la forme des feuilles applicable pour tous les points d'inscription sous la nom de Mariana Cardopatium Corymbosum Cardopatium Corymbosum Cardopatium Corymbosum

merveilleuse pour pouvoir donner à ces espèces, pour l'avoir pu étudier la synonymie parle de Jonne d'Orv. est nulle de vaste [illegible] ... depuis plus au temps ce qui viendra après trouvera leur dans la monographie du genre mieux que je suis en voie de compléter.

Je vous écrivais ma dernière lettre où je vous donnais compte de la disposition que j'entendrais donner aux espèces Amerie les plus grandes difficultés pour ce qui regarde la fondation des sections sont dans celle des Dupinasteri en effet les caractères de cette section très vagues jusqu'à ce jour et qui assurait pouvoir être non existant deux caractères que j'ai recherchés dans ces espèces dont je compose cette section qui est la plus nombreuse après les Involuti, vient en Amérique c'est à dire celui de la nature du stigma presque indéniablement superficiel et delà nul et de l'adhérence faible au plus grand dégré des pétales et du tube staminal entière. Cette [illegible] aux Amerinas Dupinasterum Arech. Jaspidei Blanchardi pour les espèces orientalium amabile Palmeri etc, aux Dupinasteris ornogonnant le dernier est difficile à dépeindre, il aurait été [illegible] l'habit général de la couleur brune des espèces et de la [illegible] les [illegible] [illegible] [illegible]

Lojaceae

Palermo 19th March 1880

Dear Sir!

I am much obliged to you for the goodness you have had to forward your Index to me which reached me just at time to use it regarding synonymy of most species. I have already thanked you for the Carices you sent me lately which completed the whole lot of species as reported in your Revision in Proceed. Am. Acad. XI. (1876) Since that time I have continued my work. I find a new species in the Specimen you sent me lately collected by Parry Palmer in their voyage from S. Louis de Potosi to Tampico, without name bearing only a number written by you on the label. which perhaps may have some reference to the same number in your herbaria. I have named the same E. gonio carpum. I have a great interest that you may easily get acquaintance with these new species as E. potosanum n. sp. E. Hemsleyi n. sp. and E. gonio carpum. which are very distinct species and which I don't wonder if you had not looked exactly over as I am sure that they were out of the

boundaries of your Flora. If you have not kept a correspondent number of the specimens you may look at the new species on the figures which I have annexed to my work. These species are in want of better comparison near to amabile's group. (I do not find amabile reported in your Index of course for mistake) they are very far from being so intricated as those of the involucratum's group.

I have been able now to distinguish F. aciculare F. spinulosum F. variegatum F. subv. F. tridentatum melanadenium F. polyphyllum (since long time as being very distinct species) and F. pumilum which is surely the same as F. involucratum -

If you please, a last favour, could you send me a capitule of F. barbigerum var Andrewsii? I hope that this will reach in time to give me some light on the species which I received under such name and which is very different from barbigerum. and which I called F. Grayi. My specimen is collected by Kellogg -

Could you send me at your best time one specimen with open capsules of Orobanchaceae of America? I have Epiphegus Orobanche, but nothing else, nevertheless good fruits of same. If this will not give you trouble will be most accepted. I am very sorry that my papers did not reach you through I had expressly written U.S.America under Cambridge. I send two copies of each one for you the other one for Professor Gray.

Thanking you for the good wishes I am Sir your most obedient

Mro Jacono

To Prof Sereno Watson
Cambridge

I have published I II III IV centuries and this year only the V & not V. the VI in next year. I give you a catalogue of two species. Plants are stitched in a large shaped folio larger than that when ~~I sent you~~ the pennies for you are included. They are all fresh collected 1878-80-80-81- the price is Fr 2 for a century. or 8/ for four cent taken together.

With my best regards believe me
Yr very truly
Mrs Jacomi

P.S. Guerna raves from Mr Lemmon the box was consigned to the Capt of the Italian vessel "Andrea Lobico" addressed to you to the care of Mr. D. H. Fully of Boston the vessel left Palermo the 1st inst.

Palermo 18th June 1881

My dear

I wish you kindly in the beginning of this year I think but I have no answer from you. I fear that the postage misread of my letters or else depends from the ambiguity of the address of Cambridge in England, but I use always to write U.S.A. The same thing has happened perhaps with a letter addressed at the end of 1879 or sooner to Mr Lemmon, I suppose, because I asked him some new species and I have had no answer from him. Have you any news from him? I give credit to him the value of his species some few Lire and I fear too many additions to him. In my last letter I promised

to you a census of Sicilian Plants
now this packet is ready to be shipped
and I hope will arrive about as soon
the steamer and the way in which the
packet has been boarded to you
I hope these plants may be useful to you
or others; I beg you to believe that I have
endeavoured to give you such things which
generally are required by botanists, and
this in order to show you that I feel
much obliged to you for your kind assistance
in my work on Sicilian Plants. I give this about
200 "Plantae Siculae rariores" to you, but
if you have already these species, I give these
to Harvard's University Herbarium or to Prof
A. Gray to whom I feel too much obliged.
My work on Sicilian Plants is nearly
done, or to speak more exactly is still en-
gaged in our University's members as I
have thought proper to melt it in the letters
for my examen as libero docente (an examen
which I have already accomplished favorably.
I am anxious to know if you or any
others have published some new Sicilian
new species have been perhaps discovered?
I hope you will be so kind to give me
exact notices on these purposes—
If you have some new materials would you
be so kind to give me a specimen of
each new species? My work on Sicilian
Geranieae is ready and I hope to get it
ready before the end of this year
I wish you warmly wishing you a
I was possible to see centuries of
Sicilian Plants to your botanists, my
plants are the exact as I collect only
the raw one for the Centuries which
bear the title of "Plantae Siculae rariores"

NAUTICAL ALMANAC OFFICE,
BUREAU OF EQUIPMENT, NAVY DEPARTMENT,
WASHINGTON, May 4, 189(.

Mr. Watson

Dear Sir,

Your letter of the 2nd inst. is just received.

I feel quite certain that I collected the little fern and the bramble from the same place, near the entrance of a tunnel on Ascension. The only place where there is any vegetation on Ascension, except a prickly, yellow poppy and a dwarf mimosa shrub, is at Green Mountain. This mountain is nearly three [illegible] thousand feet high, and it catches the S.E. trade wind and pushes the damp air up until it expands and drops its moisture, so that there is usually a great deal of rain and damp weather on the mountain. In fact all the water used on the

island is the rain water collected here & stored in tanks. About four hundred feet below the summit of the mountain is a road, known as "Elliott's Pass," which encircles the peak; perfectly level, but very crooked, as it follows, generally the contour of the mountain. Sometimes, however, the road, instead of going around a spur is tunnelled through. Some of these tunnels are quite short, twenty five or thirty feet; These short tunnels are lined, sides and roof with most delicate and beautiful ferns. In the longer ones the ferns grow in as far only as daylight extends. It was at the entrance of one of these tunnels that I collected the bauble, which was the only specimen I saw, and I feel quite sure that the fern came from the same place, though I cannot see how it came among the St. Helena plants.

As you say my botanical collection was a nice play, and I did not do as much in it as I might if I had done it year

Sincerely yours

E. G. Vanni

My dear Doctor Gray. from
seeing a number of Notes
in a handwriting Supposed
by very acute observers to
be Jones, I have a
Suspicion amounting almost
to belief, that you have
him to use and have some
use for an inkstand.
Will you therefore
accept this fountain inkstand

on his anniversary of
your birth day, with the
hope that it may prove
sufficient to supply the
inmate of the botanic
garden, with that black,
odious fluid so indispensable
even in the brightest &
tenderest correspondence.

Hate you Miss
Constitution as a slight
token of the true & en-
during friendship I bear
towards you is the
wish of yours Ever truly
E. L. L.

Mr Fenwick &
Mr H.

C G Loring 1846

Dear Sir

I pray you to excuse my negligence in detaining the enclosed so long. I have sent to Eng. for descriptive pieces &c., & hope in course of ensuing Summer to have my ground protected by invisible fences so far as seen from the house.

Respectfully yours C G Loring

Mar 27. 1846

To Professor Gray
Cambridge

Professor Gray

C. G. Loring

Dear Doctor

May not the Com. say that they did not suppose the Academy to have acted upon either proposition stated on p. 5 of your reply — : but that it acted upon the question of citizenship, as a matter of fact under its construction of the statutes; — it being I think within its power to settle such a question one side or the other. This seems to me the ground taken by them — : this, not the only one.

I fear that the sentence at top of p 7 — might by captious

would be misconstrued as
implying a fling at Disraeli
not Conservative Feeling. —

Yours ever

July 12th 1880

My dear Dr.

I am sorry not to have accomplished one of your Commissions — that about the microscope. — I refer back for further advices. —

One important point I omitted to state — the price you wished to pay. — The history of the affair is this. — I went to Chevalier & told him your wishes, he showed me a microscope with two lenses for (I think 40) & 80 francs, & one with 3 for 140 fr.; he would have made me one Complicated for 80. — He said he was not in the habit of making them with lenses of 18 lines distances, they

Thanks for your letters. — Soon I shall do that in person — but for the present I leave Paris Wednesday to call at U.S.L. for letters, & Havre to meet Mrs. Agassiz with 7 portrait she have chartered to bring from Paris with her collection

write to Nachet ordering one similar to be forwarded in the same box. — If you do not you might write to Wilmarth to order one at Chevalliers & have it sent by anyone of the last returning Bostonians

Open this letter to P. & make any addition you please, he can easily send his microscope to Boston to Mrs Agassiz Office; & indeed offered to lend it to you till his Should come hime. — Philbrick sails in the Cunard steamer that Carries this. I was sorry we could not cross together. —

I would only suggest that it would be well to write at once to Chevalier to order Nachet, in order that the microscope may Come with P's. If the box is addressed to you as Professor they will all Come free of duty. — Nachet. Opticien, Rue Serpente 16 près de l'Ecole de Medecine —

would give but a very low power — but that of course he could do if wished. — Left to consult with Mr. Edmonds. —

Afterwards I saw Philbrick & he told me that he was having one made at Nachets (who was now considered the best maker such was his reputation here & in America); it would be finished in a few days; I waited & saw it, it certainly was convenient & simple with 3 lenses he said I think 55, perhaps 50 fr.

Then I saw Mr Edmonds who also said that Nachet was considered the best that his instrument were more simple, convenient & cheaper! —

Went to Nachets, said his price was 50. — that he could make one of 18 lines but thought that power too low for any practical uses, was in the habit of making them of 12 — Sometimes 15 — said that Philbrick was (about 2½ or 3 (highest) / 1 / 1 / 1

[illegible] envelope To A.G. [illegible]
[illegible]
written by [illegible]

We make this anniversary and our little present an Excuse for saying to you how happy we all are, dear brother, in the tie which binds us so closely together. We have not known you quite half a century, but we have tried you long Enough to know you very well & to love you very dearly.

To wish you the Spanish Greeting that you & our dear Sister may live many years is only to ask for our happiness and blessing: but what Else can we ask for! Are you not busy in Exploring a noble science in which you delight and where you will find new treasures as

long as life lasts:— Have you not already
the undying laurel in your grasp won
with probity + honor:— Have you not
troops of friends, the Esteem of all, +
the love of those nearest to you.

Having all these it is our
privilege to sign ourselves your Ever
Affectionate Sisters + brothers
November 18. 1860.

E. S. Loring
S. M. Jackson.

C. P. Loring.
Chas. G. Loring Jr
P S Jackson

Dr Jay's South Lodge
Day

To A.J. on his 50th birthday

from the family (signed) -

written by C.W.L.

hospitably.

Strange are the changes in politics, even within the domain of science. I remember the time when W. B. Rogers had scarcely a corporal's guard in the standing committee, and Hall was the successful candidate. And all this fight was about the corner of the earth. But old and young men are now in the ascendancy and Rogers was unanimously elected President for next year. Buffalo is the place. We have turned a cold shoulder upon Philadelphia, partly because we were afraid it would turn too hot a shoulder upon us. With kind remembrances to Mrs Gray

Yours very truly
J. Lovering

American Association for the Advancement of Science,

Detroit. Michigan Lovering

~~CAMBRIDGE~~, Aug. 15th 1875.

Dear Gray:

I intended to have sent you a line before leaving Cambridge, to have assured you and Mrs Gray of my regrets at having the opportunity which you kindly put within my reach of renewing my acquaintance with Mr & Mrs Davis. I waited patiently during the whole afternoon and evening for a lucid interval (not mental but meteorological), without any

success: and was tantalized, when bedtime came, by finding it was brilliant starlight.

I am having a very pleasant time here. The meeting, though not one of the largest, is highly successful. The material, if not superabundant, is sufficient to occupy a full week. We have now a double-headed shot in the form of two addresses from the Vice-President, in addition to the address of the retiring President. All three were delivered in general session. Leconte's address had no squint towards Darwin, and Dawson's was earnestly opposed to Darwinism. But Morse and Cope had their revenge in the Section's. Morse, who is to be the Vice of Section B next year, will then have his great opportunity and will use it. The hospitality of Detroit goes vastly beyond that of any western city the Association has visited since the Chicago meeting; if not in intention, at any rate in the ability to carry it out with elegance and lashe. More than the usual number of ladies accompany the members to enjoy this abundant

Legation of the United States
London

24th May, 1882.

Dear Doctor Gray,

Will you form one of the American Committee to raise funds for a memorial to Darwin? This is what I hear proposed the Committee here to ask you. I think you should be Chairman, but I suppose there will be a Committee in Each Great Centre of population. I write also to Norton, Agassiz, Weir Mitchell,

Church & Baird. It will be for
you to add to your numbers
& organize in your own way,
only in inviting collaborators
let them understand that they
are nominated by the London
Committee of which Mr Spottiswoode
is Chairman.

With kindest regards to
Mrs Gray.

faithfully yours

J. A. Brook

My dear Sir,

Accept my thanks for the beautiful "Musci Alleghanienses" which would ornament any library independently of their botanical interest.

I need not say that any books or collections that I may have or receive will be always at your service - One prominent object that I have in procuring them is the hope that they will be of some use to others -

I hope therefore that you will without hesitation suggest to me any books or collections that you think it might be well to have here, - if I happen not to agree with you,

or to think them beyond
my means, I shall at least
take no offence but rather
thank you for the suggestion.—

Feb. 27. 1846
Pemberton Sq.

Brit. Fl. 145, t. 13.

Dear Sir

many thanks for the Communication. Allegh. as you have inscribed it ex dono auctoris. I suppose there would be no impropriety in my addressing to him a note of thanks?

I send you a piece of my leguminous plant - the memo. I made on the specimen I otherwise was as follows:

Glycine, bilobea?

Caule volubili, striato, piloso, foliis ternatis, foliolis elliptico-subrotundis, mucronulatis, integris, supra sparsim, subtus frequentius pubescentibus, terminali majore; petiolulis hirsutissimis apice incrassatis, stipulis lanceolatis striatis; pedunculis axillaribus sub-biflorus

bracteis subulatis; calyce gamosepalo
bilobo – lobo superiore longiore
bidentato emarginatove, inferiore
denticulo tricuspidato subulato; corolla
purpureo-violacea, papilionacea;
vexillum reflexum, alae appendiculatae
carinâ brevioribus, unguiculatae;
carinâ acutâ genitalia includens;
staminum distinctionem diadelphae 9–1
perigyna; stylus unus elongatus, stigmate
obtuso viridi; ovarium à stylo pedicellatum,
sericeo-hirsutum album, leguminibus
uniloculare, ~~plurimis~~ non interruptum,
seminibus reniformibus 11–12

I also send a flower brought home
by Dr Parry the other night from a party;
I have not seen the leaf, but have
no doubt it is Echeveria gibbiflora.

Feb. 28. 1846
Prof. Gray

In faithfully
A. Gowell

Dr. Gray

Boston, Aug. 10. 1846

Dr Sir

I send you my check for the $12.31 cts. of
Annals N.Y. Lyceum for Dr. Engelmann & I also return
you Mr Carey's letter about the Orchidaceæ. The plants
are in poor order, but we will do the best we can for
them —

Boott is buying me a good many books, I suppose & wish
that you should know what he has sent me, advise him in
any way as to future orders — I add a list on the next page —
He desires me to thank you for the Carex you sent to him —
which he finds, poor Prescott had called C. fraterna — the bag
a good figure of it drawn by P's direction & he finds it
among the Arctic plants from Richardson &c. He says your C. hystricina
is his C. sicciformis & Schkuhr's & Wahl's C. cryptocarpa figured poorly
by Kunze —

Yours
Very truly
A. Gould

Professor Gray

Cambridge

Boston, Oct. 14. 1848

Prof. Gray

Dr Sir,

I send you my check for $54.05 of which $36. was paid to my credit in London by Mr H. B. Fielding, £18.05 is a sum due by me to Dr. Francis Boott which he desires me to pay to you.

I am
Yr very truly
A. A. Gould.

Dr. A. W. Chapman desires me to tender you his regards & say that he has detected the malamente & type print of Listera Floridana.

Boston 17 Feb. 1849

My dear Sir,

I have rec'd yours of yesterday. I have not found any errors in Sheet No. 10 Pl. Fend. No. 11 I have not seen —

I now send two checks for $58.10 & for $20. the latter payable, as you request, to the order of Rev'd Dr. Anderson.

I rec'd a letter some time since from Hon. Davis Sears enclosing one from Dr. Hosack, in which he expresses a desire that I should invite Prof. Wm. H. Harvey of Trinity College, Dublin, to lecture before the Institute on Botany. I replied that I would think of it & make enquiries; that my impression was that Prof. Harvey had devoted himself nearly & exclusively to the Cryptogamia — do you know anything of his qualifications?

Yours

Yr very truly

J. L. Sorell

Prof. Asa Gray

Cambridge.

Dear Sir,

Dr. Boott desires me to pay you £7.10. received by him from Dr. Harvey for Fendler & I send you accordingly my check for $36.—

Yours truly

A. Lowell

29 Mar. 1844

Dr. Gray

Boston 20 June 1854

My dear Sir,

I send you $27. for
Vol 1. Exploring Exp. Bot. Phan.
& at Bay; the latter not yet out.

Opening the volume casually
I observe that under Begonia
you allude to Paxton's Bot. Mag.
as a book not accessible to you.

You will find it in my
library in the bookcase between
the window & fireplace. The
plant is figured in Vol 12. 73
not vol 11. 73.

Yours sincerely
A. Gould

Dr Gray.

1856

Botanic Garden, April 20th 56

My dear Mr. Lowell, I am afraid when you read my letter you bid me stick to my needle & not meddle with matters I am so ignorant of. But if you could only know how much I have the subject at heart I am sure you would have patience with me! —

I am so anxious to have something done for our poor garden! I have waited & waited hoping other hands might take it up, but seeing nothing done I venture at last to appeal to you, knowing how much interest you take in Botany, & how much your father was interested in the establishment of the Garden, & surely something cannot be done to place this the only Botanic Garden in the United States, on a better footing.

It is so miserably poor! All that can be done year after year is barely keep it in order; & that is a happy year when by the fortunate selling of some plants & bulbs the income is eked out so that the capital is not encroached upon. — The fence is falling to pieces & it is a regular business after every high wind to go round & bolster up the fallen pieces. The green house wants a thorough rebuilding, & is scarcely worth the repairs it needs every

Dr. Gray has written to me much very cordially of the state of the Botanic Garden, & of the [illegible] [illegible] [illegible]

My dear Jane

I have been too busy moving to Beverly to answer your note as it deserves.

I admire your enthusiasm & will talk with you about the matter when I see you.

Yrs affly

E S Dowell

2 May 1856

Mr Gray

J R Lowell

My dear Sir

I have laid aside the books selected by you ready for delivery. There are some others both above & below stairs which you can see if you will call at my house tomorrow at two o'clock.

Yr truly

J R Lowell

Feb. 3/65

Dr Gray.

Prof Gray

Dear Sir

I beg the privilege of presenting to the Herbarium of Harvard College the collection of Mosses and Hepatica of the late Wm Taylor of Dublin comprising the authentic specimens of the species published by him.

Yr Obdt

John Amory Lowell

Boston June 19. 1873

No. 423 Clay St.
San Francisco.

Feb. 12. 1890.

Prof. Sereno Watson

Sir:- I am president of Chapter No. 900 of the Agassiz Association, and we wish to procure a copy of "The Botany of California" (uniform with volumes of the Geological Survey). Is there any way by which we can get a reduced rate from the publishers, and to whom should we apply? The volumes consulted in our public libraries do not give the name of the publishers, but "Press of John Wilson & Sons, Cambridge".

A reply will greatly oblige

Very respectfully yours,

William E. Loy.

Angustifolia

Drummondii

minima

Cracca, Hook.

Nuttallii, Gray

var. subsimplex

Wyoming, U.S.A.

pedunculosa, Smith. Paraguay, Chili

simplex, ?

Ascendens, Ecuador.

Viridis.

Muscosa, L. (Ecu)

mozambicana (Moz. Ins.)

var. Wightiana Amer. ?

Commersonii, R. & P. Peru

(probably not)

Sotiana Chili

Cloziana "

Chilensis "

L. H. Lundgren

Sir

Although unknown by you and being very little versed in writing of the English language, I take the liberty of addressing a letter to you, and I hope you please to excuse, that I, an unknown name among the botanists, dare trouble you with a letter, you the most celebrated botanists in the U. States. But my foregoing unhappiness in addressing a letter to Mr. W. S. Sullivant in Columbus, the renowned knower of the mosses, and not getting an answer from him and the knowledge, that you are just returned from your travel in Europe, effect that I must be audacious of addressing to you. — Being a Swede by birth, a scholar of L. Wahlenberg and E. Fries in Upsala, where I am graduated, I arrived in N. York 10 weeks ago and have brought along with me a very good herbarium of mosses and several good works in botany especially in bryology, thinking to find in America a brother, who has been there several years, and supposing in every case, to get my subsistence from my knowledge in the botany,

but I have been unhappy in all and I did very soon see that the botany here is of no matter and that it must be necessary to use my ~~my~~ knowledges in languages, in order to get my subsistence. I speak German and French, and tolerably well English. At present I am engaged only a few hours a week in a school in Brooklyn, where I give instruction in the French, Latin and Greek languages, but from that situation I cannot gain my livelihood. On account of these very unpleasant reasons, I beg leave to offer you to buy all or any part of the collections; the price will be no impediment, if you like the same, because I know very well that I cannot find here in America many persons who understand to appraise these things. - I beg you, Sir, and I beg again, be pleased to do any thing for me, either in buying my collections or any thing else effecting to get a place for me. - Concerning to my conduct and character, I can give satisfactory references, and concerning to my ability as scientific botanist, I can only give reference to Prof. J. Torrey, to whom I have spoken and who has been very kind toward me; but, unhappily for me, he did not care to see my collections, because his present business is the chemistry. Unhappy in seing it necessary to give up my desire to study the botany, I am still more unhappy, not finding a purson, who wishes to buy my collections. — I cannot now specify all the mosses, but I am sure, that the herbarium is worth your attention, as containing many specimens of rare Swedish and other mosses, several of them in plenty, f. ex. 1 à 200 specimens of the rare Bryum cinclidioides etc., together 383 species of Mosses and a very good Collection of Hepaticæ. You can find among them many original-specimens from Hartman, Thedenius, Myrin, C. Müller, Schimper, Hornschuch etc. — Following are the books: Bruch & Schimper, Bryologia Europæa, c. tabb., Fs. 1-24, 42-45; Gottsche & Lindenberg, Species Hepaticarum, c. tabb., Fs. 1-XI (qu. prod.); Eckart, Synops. Fungerm. in Germania — etc, c. tabb.; Schimper, Recherches anatom. & morphol. sur les mousses, c. tabb.; Gottsche etc, Synopsis Hepaticarum; Müller, Synopsis muscorum frond. fasc. 1-VIII (qu. prod); Hübener, Muscol. Germanicæ; — —, Hepaticologia Germ.; —; Deutschlands Leber- und Laubmoose in getrockn. Ex., h. 1-6 (qu. pr.); Rabenhorst, Deutschlands Leber-, Laubmoose und Farrn; Hooker & Taylor, Muscol. Britann., ed. 2, c. tabb.; Fiedler, Synopsis der Laubmoose Mecklenburg's; Ilzigsohn, Verzeichniss der in der Mark Brandenburg wachs. Laubmoose; Lehmann, Antrocephalus, Eine neue Moos-Gattung), c. tab. (Scorsin & A. N. S. 6. L.); Nees ab Esenbeck, Entw. der Laubmoose aus Keimkörnern, c. tabb. (Scorsin & C. 6.); Myrin, Musci, in Corollario Floræ Upsaliensis; —, Dichelyma nov. gen. Muscorum (Scors. & Act. Ac. Scient. Holm.), c. tabb; Thedenius, Observationes de enervibus Scandinaviæ speciebus generis Andreæa, c. tabb.; Ahnfelt, Dispositio Mus.m Scaniæ Hypnoid.; Ångström, Symbolæ ad Bryologiam Scandinaviam (Scors. & Act. Soc.

cient. Ups.); — Musci in Fries' Summa Vegetab. Scand.; Schimper, Nya Mossor först funna under en resa i Skandinavien, år 1844 / New Mosses first found during a travel in Scandinavia, during the year 1844), c. tabb. (Separ. ex Act. Ac. Scient. Upsalm.); Bryologic Treatises in the German periodical paper: Botanische Zeitung, 1843–1848, c. tabb.; + Körber, Grundriss der Kryptogamen-Kunde; Hornschuch, + Metamorph. der niederen Pflanzen (Ex Act. N. C. L.); Koch, Synops. Fl. Germ. & Helv., Ed. II; Grenier & Godron, + Flore de France, I, II:1; Fries, Summa Vegetabilium Scandinaviæ, T. I, II (ju. prod.); Hartman, Skandinaviens Flora, Ed. V.

+ Retzius, Loca parallela plantarum; (Pritzel, — Thesaurus Litteraturæ Botanicæ fasc. I–IV;) Bischoff, Handbuch d. botan. Terminologie, c. tabb. LXXVII, in 4°; Botanische Zeitung 1850, c. tabb.; Engelmann, Naturalhist. Bibliogr.; (H. v. Mohl, Mikrographie, + c. tabb; Kellner Fl. Orthoskop. Ocular — — — Besides, some msc. additions to Pritzel; dissputationes varie Ups.; — — —

I must again beg you not to take amiss my long letter, written in bad English, and I cannot say, how much I will be obliged to you, if I can hope to expect some lines as answer.

Most respectfully

your humble servant

J. G. Lundgren

N. York the 26th November 1851.

Care of Mr A. F. Lindberg, n:o 58 West street, N. Y.

New York Febry 20th 1852

Dear Sir!

I am the more grateful for your favor of the 2d inst. as I should, of course, give you my hearty thanks; but circumstances which I cannot explain have hindered me therefrom. Being, still in a state of destitution, in consequence of want of employment during this very hard winter, I should be very happy if you would be kind to specify the books which you want to buy. — I have always indulged in a little hope not to be forced to sell my books, but now I consider every honest mean of satisfying the physical wants desirable. — I have many a time troubled Prof. Torrey, with my personal appearance but still he had shown the same benevolence towards me. — My letter addressed to S. F. Hirschberg, no 58 West street

or Prof. Ferry. Ö will receive.

Ö vi ieberi dichum volo me gratus quam sincerid.
simad pro sua erga me benevolentia agere ha-
beregue, et spe indubitas fore, ut tu vir clarissime,
persuadum habeas, hæce mea verba non vana
esse, humillimum suum servum me libibere rudeo.

N. H. Lindgren.

New York February 25th 1852

Dear Sir,

In reply to your esteemed letter of the 23d inst., I beg to inform you that I am to send out to-morrow morning the wanted books by Adams' Express. I have spoken to Prof. Torrey to day and he deems it safe enough to send the money in a letter, if you please to direct it to the care of Dr. Torrey, 67 Crosby street.

Gottsche & Lindenberg Gy. Hepaticarum exs. 22/3 Russian Thalers, Küttzing, Musci. Germ. 3½ thaler, Ekart 5 Th., Körber 1 Th., Mohl 2 3/5 Th., Wirtgen 12 Th., together 46 13/30 thalers, i.e. 32 Dollars 32 c.; Grenier & Godron 21 fr. = 3 D. 90 c.; Hooker & Taylor 1 L. 11 s. 6 d. (antiqu. price) = 7 D. 63 c.; it makes together 44 D. 5 c. as the price of publications, besides Lastadius & Hornschuch, which have not been for sale at book-sellers. If I charge for all together 30 Dollars,

do you find this price too high?
Grenier & Godron is one of the best works of the descriptive Botany I ever saw; especialy has Godron deeply studied Rubos. Pritzel is perhaps the best bibliographical work in any branch of literature; it is not troublesome to complete any literary work which is to be found with the German book-sellers; you can buy whichever fasc. you want. The Lent portion consists of 6 fasc. and the author in a "prospectus" has promised 8; besides a rejurvir of periodical and proceedings etc. literature. I send, too, MSC. concerning Pritzel, to the use you can possibly do of it. - For this and perhaps some other weeks I have got some occupation. - Just in consequence of this occupation I have been in hurry to give you an answer; Lastadius I cannot send now; but I will get it for you decidedly at another time; this work is bound together with an other (from the same proceedings, Acta Upsaliensia) ark I must take it in twain; you must take it, of course, in a bad style, but if you, as I, consider the books especially to be used and not be standing (and I suppose you do so), I can send it out at any other time. - At last, I beg you to excuse that I cannot in this moment get money to pay the postage, and I wish very much to deliver it to day.

With the greatest respect

your most obedient servant

J. H. Lundgren

9. Cornwall Gardens
SW
8th Oct 1881

My dear Mr. Gray

Will you & Mr. Gray
give us the pleasure of
your Company at Dinner
on Tuesday the 18th at ½
past 7 o'clock. I am
sorry you are leaving
this country, but I do
not wonder at your
going home either!

Our countries have been very near each other, all these last months. The deep sympathy for you & for President Lincoln drawn a strong tie between the two countries, & this is always a blessing. The one good we may see through all the calamity, — but not the one good either. The example of such an upright character, & the universal homage to that, is a very bright thing to look upon. —

With very kind regards to Dr. Gray & Asa

Ever most faithfully yours

Believe me

Very sincerely yrs

Katharine M. Lyell

30 October 1883

9, Cornwall Gardens,
S.W.

Dear Dr. Gray

My brother-in-law Sir Charles Bunbury wished to forward you a copy of his "Botanical Fragments" which he has gathered together & printed, but not published. He sent the copy for you to me, as I knew of a friend returning to America, but it came too late & in my ignorance I have kept it some days - for I thought only to Duty, & Book-post

did not answer - for the United States.

I called upon Mr Bentham yesterday, & he told me I might quite well send it by Book-Post, and that he had sent several copies of the volumes of Genera Plantarum by that method. So I send today by Book-Post the volume from Sir Chas. Bunbury. I found dear Mr Bentham looking much aged since I saw him last - which was when he was very ill in June - partly his beard being grown, gives him that more aged look. He is very feeble, but takes a drive in his carriage every day, his mind is as bright and clear as ever — We have only lately returned from Scotland — I have not yet seen the Hookers, but hope to do so this week. They have been living so much at their new dwelling "The Camp" — which sounds very military! I hope you & Mrs Gray are both quite well, and have had a pleasant summer, when most people have a little relaxation from their writing labours — Rosamond unites with me in kind regards & love to Mrs Gray Believe me dear Sir

Sincerely Yours

Katharine M. Lyell.

19th Feby 1854.

Barton Hall,
Bury St Edmunds.

My dear Dr Gray

I felt very pleased and proud at receiving a kind letter from you, that I hesitated to reply to again - as yours was in answer to mine formerly by Boston in Lent book - but your very kind message from Dr Gray & yourself, wishing us to come over in America, has often made me feel ungrateful in not having thanked you for it. I wish I could have the prospect of seeing you both, & many other very dear [illegible]

spending one days here with the Barbury's - but return home this week. The mild winter has brought out all the Spring flowers very early. Snowdrops crocus Violets Primulas are in abundance - Sir Charles keeps well, & has been working in his herbarium lately. There is such a nice Arboretum here, & some capital houses, one tropical - & two well stocked with ferns - Pray give Rosamond & my love to Dr Gray & Believe me

yours very sincerely
Katharine M. Lyell

friends, as well as most there is interesting in your great country. But then are sundry ties that chain us down, & I am getting old! - & though travelling is a great enjoyment, a long journey requires a good guide & helper, to smooth the way - so that I fear there is little chance of my crossing the Atlantic. The dear Hookers are doing a very anxious time. I went with them to "the Camp" to see her poor Father one day. He has terrible suffering, & the only consolation is that they are within reach, & every week she goes down there, to help & comfort her Mother. Poor W Bentham's failing strength is also another sad visit, that Dr Joseph pays every week. I call there but he is not always able to see me. After getting your letter (& that he does read better than he is now - (reading German novels) I asked him if he could not dictate some of his early recollections, as you suggested - but he said "Too Late" but that he had left some notes - I will trust he could have accepted the Hookers visit, to be with them - as it would have given him some cheerful hours — Rosamond & Ave

Mr Edgell

Barton Hall Bury St Edmunds

24. June 1863

Dear Dr Bostock

Sir Charles tells me to write & endorse Dr Gray's note to you with many thanks. He is very glad to hear he is now Bencher of the Middle Temple, & so is Sir Charles Bunbury who spoke very highly of him the evening at Newmarket. I think his epithets of "boyish" & "foolish" as applied to the Athenæum writers most

accurate".

Nothing can be so exact & lovely as this place is looking & I feel quite reluctant to leave it this week but must

Saturday.

My love to Mrs Bostock & your daughter. Believe me

very sincerely yrs

Mary Edgell

ble between. I am writing
to Berlin today - shall
enquire about the drawings
of the Carices.

I must tell you how much
pleased I have been by Miss Lindsay
having yesterday received the
Cross of Chevalier of the order
of Merit from Berlin - Nominally
from the King, this would
not be very flattering, but substantially from the Academy -
& when one sees who his associates
are in the Carices in this dry
part walks, I fear it is the
highest distinction of that kind he
has received. — I venture to
tell you this as you & Miss Boott
are always kindly interested in
that concerns us. —

All we hear from America confirms us that Asa Gray expresses it, a gain all round to get through with it & obtain Harvey. I hope you have
seen Dr Hewlett's book. I have
long spot of pure observations.
My friend Dr Clarke writes to
me today "I am sure that when
we sufficiently distance the present
we in the North shall gain a
better estimation than is now general

17. August

Thielhill. R Lydell

Kirriemuir

N. B.

Dear Dr Gray.

I am sorry that the photograph has been so long coming, & I now find that it is not quite similar to the one which you saw & admired at our house; but I think that it is

a fine copy of the
beautiful picture, & beg
you will accept it with
my kind remembrances
to yourself & Mr. Gray
in which my Mother joins me.
Believe me with much regard
Very truly Yours
Rosamond Lyell

19, Commonwealth Ave.

Jan 15. 75

T Lyman

Dear Professor:-

There is no secret about my note to Mr. Bowné. The gentlemen I therein mentioned is most amiable and is, in some ways, a well read man, but of a slender ability and devoid of scientific training.

It would be unjust - even humiliating - to him to put him in such a position; and would certainly be injurious to the establishment -

I thank you and Mrs. Gray for your kind remembrance which is to me most valuable

Faithfully Yours

Theodore Lyman

Prof Gray

Brookline

Mass

18

Dear Sir

I see you are one of those innocent children of nature who mail receipted bills loosely over the country.

I will not take advantage of your position, even to help the Academy (!) and so inclose a check for $16.58

Yours

Theodore Lyman

Dr. Asa Gray

191 Commonwealth Avenue.

Jan 15. 1887

Dear Professor:-

Coming back again to the accumulated income of the Mass. Soc. for Promo. Agriculture, I find that more than one Trustee favors helping the Botanic Garden — possibly by a gift of a handsome sum.

For this there must be some ground — or reason. They would hardly give for the science of Botany in the abstract.

But there are things that come in the way of the Garden and for which the Trustees might give.

1. Trees & Shrubs — for timber or

for ornament

2. New varieties of table vegetables

3. Publications on animals and vegetables injurious to vegetation

Pray give me your ideas on this; and tell me what form you would put it in.

Truly Yours

Theodore Lyman

Asa Gray

·T·L·

Brookline

Sept. 29. '82

Dear Professor:-

I wrote you a note the other day, which may have gone astray - since another writ ten at the same time seems not to have been delivered.

I asked if you could suggest two or three names of men who know enough botany to go on the Visiting Committee in that branch.

Was not Frank Bowdoin now Henry who is studying botany?

Truly Yours

Theodore Lyman

Prof Gray

consideration for the liberty
I have taken in addressing
you and the multitude of
questions I have submitted.

Very truly & respectfully Yours,
H. M. Lyon
P. O. Box - 169.
Los Angeles Cal.

P. S.
If at any time or for any purpose
upon obtaining seed or specimens
of plants indigenous to this
section pray consider me at
your service and only too
happy to assist you in any
possible way
H. M. L.

Los Angeles Cal.
June 22d

To
Prof Asa Gray
Dear Sir

I send you herewith
dried specimen and a few rough
sketches and notes of a plant new
to myself and though perhaps
well and widely known elsewhere
certainly quite new to this part of
Southern Cal. I ought to say
that from its succulent nature
it was difficult to send you
a well prepared specimen.
Root, or fruit I have been unable
to obtain and with my few poor
resources utterly unable to classify
or locate it.
Would you if not expecting too much
time and imposing too much on
your good nature render me
your services by classifying and
naming this probably (to you)

well known and common plant.
Also will you kindly tell me if
the Ice plant, Mesembryanthemum
crystallinum (common throughout Southern
Cal.). is a native of Greece
as stated by Prof A. Wood in
his "Class Book of Botany"
or is this its native habitat?
Again are there any government or
Smithsonian reports on the
Botany of the Pacific Coast
that I could obtain at small
expense, that would be likely
to assist me in my studies
and how can I obtain them.
There is no public library in
this benighted town, and my
stock is limited to "Woods
Class Book" - and a cherished
"Grays Manual" - both you
will recognise as wholly
unsuited to the Pac Coast
and Alas, my resources will
not permit of my sending
carte blanche to the publishers
Still again is there any
magazine or periodical published
in the United States mainly
devoted to Botany to whom
I might address such questions
and by a subscription feel that
I was not trespassing on the
time and consideration of strangers.
Twelve years ago at the time of
my migration to California I was
for a short time (when a boy)
a member of the Torrey Botanical
club and had in its distinguished
and honored President a friend
and counsellor to whom I never
addressed such questions in vain.
But ~~not~~ his death severed
the only connexion I had
in that line. and now I must
perforce ask again your kindly

Leafless Herb 6 to 8 ins high Scape terminating in a dense involucrate head – Calyx like perianth of 4 or 5 scale like colored bracts Corolla 5 parted, epigynous, tubular ~~5 lobed~~ segments 5 oblong Stamens introrse opposite to, and adnate to the lobes. generally 5 sometimes 4 (perhaps abortion)

Ovary superior, 2 celled generally 1 ovule in each cell pendulous embedded in the placental mass.

Fruit probably ? – but not well defined Stem bracted and subterranean.

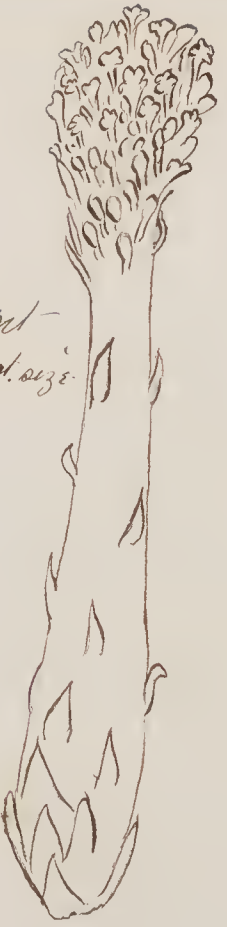
Nothing but the head showing above the sand banks near the sea where it is found.

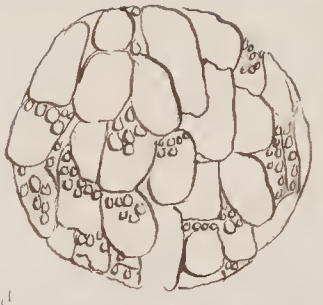
Not obtainable in fruit – entire plant dried and consequently corked well and – Rare in Southern Cal

Flowering in May & June. Flowers purplish ~~Rotting dot~~

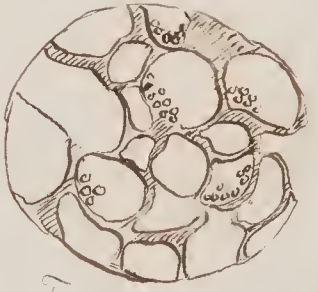
P.S. The transverse sections of the ovary under the microscope did not reveal the – the carpels as distinctly as here pictured in ~~one~~ any of some dozen examinations made –

Plant – Nat. size.





Longitudinal section of ovule ~~Stem~~ ~~Fruit~~ mag 200 D.

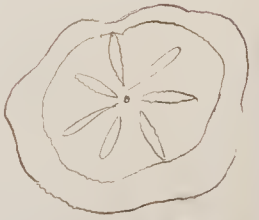


Transverse section of the same

1 Terminal Perianth a little enlarged.

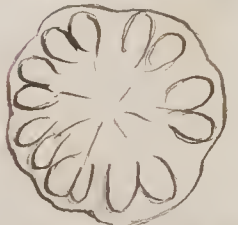
2 same observed

3 ovary, style & stigma a little enlarged



Trans. Section of ~~fruit~~ Ovary – ~~cells~~ near base ~~Carpels~~ ~~not confluent~~ ~~not distinct~~

Trans sect of stigma



Trans sect of ovary at junction of fruit

U.S.L.
May 31st 1882.

May.

near Sta. Monica — Reported in Botany only from Colorado desert — and "rare" which you will find in good condition, and which I thought you might like to have and which I trust may in a small measure compensate for some of the "puzzles."

This ends my package, but not as you will regret, — my letter.

I wish thus early to bespeak — the Synoptical Flora — If not yet ready, but the price fixed — kindly send me bill of same and I will remit amount, and by time you receive that, perhaps the books will be ready — I think you promised or your publishers did to have it out by June — With best regards

I remain Most respectfully Yours

Wm. S. Lyon.

No 32. Wilmington Street

Los Angeles Cal

July 14th 1884

To Dr. Asa Gray

Wants Flora "

is to hand $1—

My dear Sir,

Herewith I send you Pentachaeta "Lyonii" (per request) in ripe? fruit also mature? akenes same for cultivation — Akenes are early caducous hence I qualify with a "?"

While writing I would tender my thanks for the graceful tho' undeserved compliment you offer me — and while regretting that my little "find" has not enough specific merit to warrant a characteristic name can meantime only hope the time may ultimately come when I can feel I have earned the tribute.

Now, instead of heaping coals of fire on your head, I am returning evil for good and sending you that at which your botanical soul ought to revolt; i.e. botanical puzzles.

I call all such, which from incompleteness or bad condition make any special sacrifice of time necessary - and which if determined; from such conditions offer no substantial reward to discoverer, investigator or botanical science.

Nos 1 and 1a - are in good condition excepting only my inroads upon them - They were both collected in sandy washes at different times and under different circumstances. and my examinations have not gone far enough to even say they are the same thing - but far enough to think - that at least 1a approaches Verbesina, - but far from our only V. encelioides. Should they prove to be the same thing and you can do anything with them I should esteem it a favor to return me one, as, I may not be able to revisit the same grounds for a long time and should like to have specimen at hand for corroboration - This I need hardly state - is the only one I shall expect. and further, is a request that, I do not expect to make a habit of preferring - for I feel that if a specimen I sent you that possesses any merit or value, it certainly is no more than a just equivalent for the time expended to require its absorption into the Cambridge herbarium.

No 2. Is Gilia ? from desert of S. E. San Diego Co - collected by a too zealous friend who only aim was to get everything for me with a total disregard to condition - Enough material you may find to satisfy me if it is not G. inconspicua to which I have had to refer it.

No 3 - Scabiosa atropurpurea ? Collected near Temescal - San Diego Co - far from gardens.

Have also collected myself in many wild places - and if that I think in future notes to botany might fairly earn the distinction of "naturalized".

Last - but not least, I send you Biscutella Californica ! collected by myself - on sea coast - (sand dunes).

Arctostaphylos tomentosa
Convolvulus Soldanella
Scrophularia Californica
Hosackia argophylla
" micrantha ? Some scrap. which I send you anyway.
Centaurea glutinosum
Placelia hispida
Mimulus Dalea
Madia Sativa

W. S. Lyon
32 Wilmington Street
Los Angeles Cal.

8/bre 1884

To Dr. Asa Gray

Dear Sir

Herewith please find P.O. draft to cover amt required for Flora which I look forward to receiving with most eager anticipation.
As I am certain the miserly remittance will not in the least offset the pleasure and benefit I shall derive - mean to try and "make it good" by sending you shortly a few "jewels". I picked up in Sta Catalina Island last week which seem to have escaped the trained eye of Wallace, Gambel, and Palmer, and been reserved for "babes and sucklings" to gather in. Friend Xerxes tho' a better botanist is a poorer sailor and there I had him at a disadvantage. For

he would not undertake 30 miles of open sea in a small boat. Luna I got away with the nautical and botanical pot.

A couple of new? Rosaceous trees and an odd looking Rhacelia complete my "finds" for you while for Prof. Watson - I have that which will make his heart rejoice - i.e., fine specimens of that superlative beauty. Eriogonum arborescens. of which I find a somewhat same descr. by Greene in last report of Cal. Academy. and which - I assume was made from poor specimens. Among the "lesser lights" I gathered in were a few that I quote and which I have in duplicate and if you see among the list any of interest which you might like if you will only indicate them in order to secure a line. Otherwise I shall not burden you with "trash" and myself with packing &c. With great respect and thanks for sirings and the monograph on Calyptopsis Very truly Yours

Wm. S. Lyon.

List of Catalina plants.

Pentstemon Emoryi
Cressa Cretica
Rosachia juncea?
Antirrhinum Nuttalianum
Heteromeles Arbutifolia
Quercus dumosa
Lonicera Californica
Thalictrum multiflorum
Lathyrus vestitus
× Malvastrum Thurberi
Lonicera hispidula (var vacillans?)
Fuzia microcephala
Pentstemon Cordifolius
Dimorphopappus pusillus
Andromeda rigidum
Rhus laurina
× " integrifolia
Centaurea Melitensis
Layia platyglossa var brevisela
Erythrea Venusta
Aplopappus squarrosus

(over

Illicifolia oretion, that after diligent inquiry of the fishermen, I find does not extend into the chain of islands lying to the north and south of Catalina.

It grows directly from the coast far up into the mountains of the interior (to an elevation of 2000 feet) haunting mostly the damp shady cañons — and confined (tho' very abundant) to the N. West end of the Island.

This famous evergreen is from 16 to 24 feet in hight. has a roughish brown bark (and the rest I quote) "matures into lucious purple" "Cherries (the size of a small plum) about the 1st of September."

The tree is so graceful and ornamental that it would be a most desirable addition to our botanic gardens and I only regret not being prepared to pack and ship young plants to Cambridge, as the ground was covered in some places

August 13th. 1884

No 32 Wilmington Street
Los Angeles Cal.

To Dr Asa Gray.

my dear Dr You will be amazed I hope with a genuine amazement, and not at my presumption in claiming for your notice a number of new plants (mailed concurrently with this) heretofor undescribed, certainly so inasfar as "the Botany" goes. The limited size of my herbarium (less than 700 Cal species) does not warrant the assumption that every new thing I find is necessarily new to science and collecting only for my own herbarium and not professionally I do not of course take in a portfolio full of everything I see which accounts for the limited supply of specimens I send you.

Further the difficulties of of getting to – and when there, of collecting on these rocky "continents" are great and the expense not inconsiderable a matter of no small moment to my slender purse and limited time.

But if two days on Catalina have been as pregnant with good results as I believe them to have been, I feel that if I can ever secure a two weeks exploration of these islands, I can attain results to be proud of.

As I wrote to you I can hardly understand how all these things could have escaped men like Gambel, Wallace, Dall and Mr Palmer – or their observations been so limited unless they were ever more pushed for time than myself – To day I had to work like a mule to accomplish what I did, is not to overrate the matter – but if what I send you should prove to be acquisitions to our beloved science and of value to our guild – I shall feel I have not labored in vain.

No 1 – Phacelia "cucullata"?
in herb. Lyon –
For suggestion of the name (which I consider a good one) am indebted to Rev Nevin as the striking and unique calyx lobes, certainly claim attention –
Made no extensive collection, merely taking it in "rough shod" as a very glandular form of P. tanacetifolia – but a glance at the capsule threw it far from that. not in truth, can I succeed in "sectionizing" it anywhere. Hab – inclined to hug the dry cliffs overhanging the sea and not extending inland.

No 2. Prunus Catalinæ?
in herb Lyon
A beautiful evergreen tree of the

3000 feet — Once there or within a mile of it, it was the most conspicuous feature in the landscape The oriflame or white plume of Navarre, or even B laine could not be more noticeable; — and ever after, on the keen look out for it, am fairly well assured that it is the only group of its kind certainly on the N. W. end of the Island. The "clump consisted of 5 handsome evergreens? 12 to 14 feet in height with perfect umbella like tops, topped off from every terminal shoot with one of the magnificent corymbs I send you. To say that I had to select the smallest is nearly true, for my portfolio would by no means do justice to the finest specimens.

The plant is tree like branching at from 6 to 8 feet from the ground with caudex 7 or 8 ins in diameter and covered with a very light cinamon colored bark — and in beauty of form and flower far surpasses the Prunus.

No 4 — Eritrichium ?
possibly Terranum — but I note many differences — too late in season to get in good flower, and not abundant at best.

No 5. Gilia atractyloides var longiflora ? in herb. Lyon Has the habit (tho' more glandular) of atractyloides, but has the long exserted corolla of micrantha. The corolla was dark blue or purplish — anyway the thing puzzles me hence I send it along. N. B. The only Gilia I found upon the island.

No 6. Hemizonia ambiguescens ?
Am doubtful of the akenes of this furthermore the plant

is hardly suffrutescent, at least no more than your specimen shows as you have it within an inch or so of the ground. It is however divergently branching from the base. thus the erect and a span to a foot high — Only found on South West coast, but there in great abundance, forming with H. fasciculata the principle flora of that sterile and uninviting region.

No 7 — Crossosoma Californica' being in good fruit I throw in a bit for good luck.

No 8 and last I dont put in (having but one tiny scrap, and am to mean to part with that) but merely tell you about. Beyond a ? it is Hoodia inioranthia and collecting it only confirms the note in Bot. Cal — I p. 138.

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with a fine growth of the young trees from 2 to 8 inches high.

No 3 Is "Quien sabe" — in Herb. Lyon.

To me the great unknown — all I can say (seeing it only in flower) that it appears to be of Rosaceae tho' bro' Nevin leans towards Dasyphora but that is as far as either of us can get. My own theory is that it may turn out to be a representative of the N. W. or S. American Coast that has found a congenial lodgment through the instrumentality of some migratory bird. The most untenable hypothesis is that it got there thro' the agency of man — My reasons are that I only discovered one "clump" and that upon one of the wildest and most inaccessible ridges of the island, and withal one of the highest wind swept points with an elevation of more than

At last I am through and if all my "finds" turn out to be mares nests or in any event, all I deserve at your hands after all this literary infliction sought to be a request to take my plants with my wig and my letters to the barbers.

Whenever I can acquire your happy faculty of saying multum in parvo you may expect better treatment at my hands.

Very respectfully Yours
Wm. L. Lyon.

To save packing I send Prof. Watson. Some specimens in Same P. Kge.

Yours, are numbered 1 to 7 inclusive
His, 8 to 9 inclusive
W. L.

10/2 1884.

My Dear Mr. Gray.

In reply to your recent favor, permit me while expressing thanks - to say that fortuitous circumstances will enable me to return to Catalina probably within a few days - whence I hope to bring fruiting specimens of Shrubs &c -

In reply to other points in your letter - I would state that my going now will not act as a bar to my going again in the spring with your friend, further - unless he knows of desiderata to be obtained in flower or or fruit in the months suggested - Jan or Feb. I would respectfully suggest that he make it a month or six weeks ~~later~~ - My reasons are manifold. 1st During Jan & Feb - our S. E. gales prevail - and the voyage at all other times one of perfect

during rest of year,

Accept from me on behalf of myself and all suffering California botanist our mutual thanks - for unravelling the tangle of Heterotheca floribunda and H. grandiflora - also greatest joy of all - relegating Hemizonia ramossissima - to the obscurity it so well deserves —

Truly & respectfully Yours

Wm. S. Lyon.

32 Wilmington Street

Los Angeles Cal.

safety in an open boat. requires at that time the charter of a sea going vessel.

2d I think Los Angeles the cheapest and most expeditious base for exploration of the Los Angeles Islands - and Sta Barbara of the upper islands Sta Rosa, Sta. Cruz &c.

The lower islands, next season I can explore at a minimum expense - Sheep owners of Clemente have tendered me passage and accomodation for three weeks in March during their sheep shearing - and the same for Catalina in April. - while San Nicolas, could only be reached by chartered vessel - A well adapted vessel for the more distant San Nicolas now lies at San Pedro and her public spirited owner would I am quite certain supply her for the purpose you have in view gratis - the cost of manning her with sailors & skipper - would not exceede $6.00 per diem. - beside cost of food or provisions which would depend on size of party. The same vessel I think might be obtained for the Sta Barbara islands and provisioned here - and if so I say I think likely she can be obtained free a great saving can be effected by securing her instead of a Sta. Barbara boat, whose cost would not be inconsiderable. Food and Bedding would in all cases have to be transported to every point except Catalina and Clemente - and to those at all times except the shearing season - extending from March 10th to April 15th as they are deserted

32 Wilmington Street
Los Angeles Cal
11/15-84

To Prof Sereno Watson
My dr Sir.

Pray accept thanks for careful elaboration of Malvastrum Thurberi.

The Island Malvastrum? I will try to obtain in good fruit another year.

Also will keep on the alert for M. marrubioides - but not for M splendidum which Nevin and self vote to be a myth!

I think a mistake for M. Thurberi - which sometimes is quite arborescent - or possibly, (unless Mr Wallace was a botanist) Lavatera assurgentifolia! which has escaped from cultivation and is naturalized almost everywhere.

Meantime if Mr Wallace is in the land of the living I will endeavor to find out something about him or his wonderful malva.

Very respectfully Yours Wm. Lyon

32 Wilmington Street 6/19 - 1885

Dear Dr. Gray.

Bro' Vernie has handed me your list and delighted me with your report. I do not know if he will answer your queries - but will venture to reply to some and if he does later on no harm will be done — the reports ought to harmonize.

5. Astragalus Vernii — apparently rare, undoubtedly perennial.

13 Gilia multicaulis — am glad you stand out for this. - N. insisted on a "mares nest" - but the proper tube of corolla is no longer than calyx and the more finely dissected foliage is certainly not enough grounds to warrant — nr. sp.

17. Eriophyllum Vernii — send separate note on this fellow.

19. Ormeio Layne — slightly woody at base ~~not one~~ one to two feet high - not enough (the 'perennial') to be called even "subfruticulose"

21. Trichocoronis foliosa — Inclined to think it is C. would not swear.

I have been presumptuous enough to attempt to diagnose E. Vernii not so much to get out of leading strings, as to know if it were within my scope to do so - in case your indomitable energy ever flags, and the whole country has not upon to fall back upon.

May I not ask your kindly criticism? by that, I mean your honest criticism even if it burns me up.

It was not made with any intention of rushing into print, but simply to ascertain if having eyes I knew how to use them and, I knew that any quiet laugh you might have at my expense would be tempered with good advice and a real desire for my advancement & help.

Perhaps close relationship with E. staechadiphium makes specific delimitation all the more difficult for a typo - and I may not have taken as I tried, the simplest of our new species for my incipient lucubrations - and as I feel that your time is too valuable now for teaching, I shall only bore upon to the extent of saying upon approve or disapprove.

Shall you take up Phacelia ? I send upon P. longipes Torr. which seems to be desideratum -

Glad to hear Mr Watson is sick Have a small pkge for him in which I will send upon Phacelia - trust he will not be appalled by the amt of pkges that are doubtless awaiting him. Hope will return strong & well to the attack.

Kindest regards to Mrs Gray

Most respectfully upon

Wm. J. Lyon

P.S. Thanks for the compliment in nomenclature - even if undeserved.

32 Wilmington Street
7/19th 1885

Dear Dr Gray

For your report duly received. Many thanks. The only needful comment for me to make so far as I can see is on the Galium Catalinense? ×

Stems as in specimen, and entirely to the ground i.e. herbaceous - undoubtedly from a perennial root - about 4 feet high. straight - not inclined to be branching. and in some of my specimens with the internodes swollen or distended. I do not know if this be a character of the species or a product of disease. Further common collected in precisely the same locality as the plant I gave Mr Nevin to send you in spring he was making up at that time - and I think identical with his No - 1060 - It grows at all altitudes

ought to be great desiderata - as they are strictly insular - the remaining 1/3 - are common to the islands and mainland and perhaps common. However you can tell more by a glance over my list - than any further explanations will amount to.

Respectfully & gratefully yours
Wm S. Lyon.

Here to Ribes ribesunifolia Gray. described?

P.S. I see I have overlooked what you say about No 86. Galium? It is ① - grows near running water. and is very low and decumbent - plant very small - will send you what I have left - probably as you say. depauperate G. Aparine var Vaillantii -

W.S.L.

over 1000 feet above sea level. but
is far from abundant and confined
to north side of islands and Galium
like is weak stemmed enough to hunt
the friendly support of other plants.
to prevent collapse - not observed on
Clematis.

I find I can make up a few
sets of unusual plants for distribution.
You only too kindly volunteered to
assist me to dispose of them.
I have thought it all over and feel
that I cannot avail myself of
your offer. as you owe a greater duty
to science than to expend any of
your valuable time upon trying to
market the wares of needy collectors
about the country, and I feel I cannot
permit your zealous good will to be
imposed upon too heavily
I append a list. and in the matter
of advice. I dare ask you to serve
me. and feel that then you have
done more than sufficient.

1st Phase of advertising in what public school simply
"Irvular plants" or give the detailed list?
2nd Is there any agency in the U.S. that I might correspond
with and who might take the whole 8 sets off my hands
3rd Or the valuation I put on them exhortant. i.e. $3.50
per set? I can see no idea of the commercial value of
these things - have found the range was all the way from
2 to 15¢ dollars per hundred - to decide a fluctuation for
me to run put an approximate value on my list. but
much less than that. would hardly make it an object for me
to pack and label each parcel:
about 1/3 of list are absolutely new species - never at least
distributed further than to Cambridge + the Cal. Academy - another 1/3

August 21st 1886.
32 Wilmington St.
L.A. Cal.

Dear Dr Gray

I can hardly thank you for your kindly interest and practical methods of evincing it in my behalf- Some things cannot be adequately expressed by words. and this is one of them - & hope time may bring the opportunity to enable me by deeds. to express my truly gratitude.

One of the books you mention "~~Botany~~" "Treasury of Botany" my people have, and is accessible to me- Being wholly without synopses or analyses - or in fact any scientific arrangement - it becomes a mere alphabetical catalogue - without giving me a chance to correct the infinite

I use to add that Gruners notes to me on Hypnothamnus - were probably not written with the idea in view that I would communicate the substance to yourself. Yr. S. L.

misnomers that gardeners have for many of their plants - & hope for better things from the French books or even "the antiquated" Engl- book. You fair Californians - for though not foolish enough "to" wager - am certain that it will contain some method never mind how general and restricted - therwise it could not have emmanated from the source whence it came -

Greene has had collected on Sta Cruz Island a new cynoglossum L. asplenifolium. Greene - Thinks the genus will not stand - says it is only a [illegible] of Vauquelina! which would throw it back again to the Roads! He sent me a minute scrap - and it is though

especially will marked undoubtedly a species of my tree - He write bullish as "hyrottamus" - but Mrs. H. the genus out- of time at a later date - wants to lop me down easy &c. & time is less spread & hunting my feelings - than your "returns - all the world "learn the mysteries" in my mind that - the former meanderings were the greater - as I gardeners had feelings! However & how sad- over. Again and am in robes of raining o'erthy - fully mature weeks - and then with at once (about - you in portion to extend or withdraw - as the case requires - Runnin my Thanks. and with remembrances "to" my Group -

Respectfully Yours - W. S. Lyon

Dear Dr. Gray.

Am just in receipt of your letter referring to my "sets." Thank you for the kind suggestion. Perhaps I had better wait and try and enlarge my list— I could readily now enlarge my list to 100 of insular plants— but the balance would be such as are common to both mainland and Island — and frequent in every collection — regarding them in this light. Hardly thought their addition would much enhance value of the set— Astragalus Nevinii. I unfortunately never discovered but one

good specimen of. and that was equally divided between yourself. Xerxes & myself. Hence it does not appear on my list. Now that you have kindly put me on the trail. think I will try and strike out alone. and not allow you to shoulder all my load. Perhaps write myself a few travellers botanical notes for the "Gazette" - which they may be glad to get. and as it were preface my wares. with an introduction and when the proper time arrives wind up with an announcement. after the fashion of the patent medicine men. I collected a few nice things lately which I shall be sending you soon. Urtica Breweri. which has long since baffled us all. and Convolvulus villosa

I hope. sincerely & respectfully yours

Mrs. C. Lyon. 32 Washington Street

Los Angeles Cal

9/1 1885

List of 8 sets of insular plants

1 Galium Catalinense ? — nv. sp.?
2 Mimulus floribundus
3 Bæria Palmeri
4 Phacelia Lyoni - nv. sp.
5 Crossosoma Californica
6 Astragalus trichopodus
7 Audibertia Palmeri
8 Heteromeles arbutifolia
9 Prunus occidentalis
10 Eriogonum giganteum - nv. sp.
11 " nudum. var pauciflorum - (not well developed)
12 Ceanothus sorediatus (big form)
13 Arctostaphylos tomentosa
14 Astragalus Antiselli
15 Solanum Xanti var. Wallacei
16 Gynothammus floribundus - nv. gen.
17 Pentachaeta Lyoni - - - - nv. sp.
18 Eriodictyon tomentosa - - - - nv. var
19 Malvastrum Thurberi
20 Lavatera assurgentifolia
21 Cotyledon caespitosa
22 Phacelia phyllomanica - var interrupta - nv. var
23 Hosackia argophylla -

24 Antirrhinum Nuttallianum
25 Bowlesia lobata
26 Malacothrix foliosa -- nw. sp.
27 Ceratachloa grandiflora
28 Phalaris Canariensis
29 Hemizonia Streetsii
30 Senecio Lyoni - nw. sp.
31 Peritylis Fitchii
32 Nemophila racemosa
33 Eriophyllum Nevinii ~~Nevinii~~ nw. sp.
34 Mesembryanthemum nodiflorum
35. Vicia - ? { From Clements
{ Nw Watson has not yet decided.
36. Trifolium Palmeri

Can add to this list if advisable the following.

37 Arctostaphylos bicolor -- in leaf only
38 Quercus tomentella --- " " "
39 Brodiaea California
40 Bigelovia viscida
42 Trifolium microcephalum
43. Helianthus Alexis - nw. sp. mainland

} Catalina

Nov 1st 1885

32 Wilmington Street
Los Angeles Cal

Dear Mr Watson

I am lately returned from another visit from Sta. Catalina whence I brought abundant supply of Rhus - nr. op.? and of which I beg to send you with my compliments ample typical specimens -
I am now fully satisfied that the fragmentary scrap I sent you in August was not a chance waif - The same form so abundant near the isthmus at West end. and along with R. ~~crata~~ integrifolia gives character to vegetation of that end of the island. the habit &c is somewhat identical with the latter - only making a more robust and larger growth -
I am laboriously working out a catalogue of island plants for publication - and if

this proves to be new. would crave a report and name from you as a sort of advance sheet as it were to your next. publication.
If new I would suggest: R. heterophylla except for the drawback that the whole gamut of changes seems to have been rung on leaf forms of this genus. If nothing but R. integrifolia, it is certainly distinct enough to merit varietal mention.
Kindly hand inclosed seed of Lyonothamnus to Dr. Gray. It is one of very few mature ones I succeeded in collecting after this ultra-dry season.

Sincerely & Respectfully Yours

W. S. Lyon

3—. Wilmington Street. Los Angeles. Cal.

10

P. S.

I worked my one seed up to 4 or 5 — which are shown entire absence of albumen mature enough to this work a very minute embryo. enclosing relative size of seed.

W. S. L.

32 ft Livingston Street
Los Angeles Cal
10 686

My dear Sir

I should have thanked you more
to have been critical of my little
paper than commendatory.
Perhaps after you have laboured
through the next part — you will
kindly give me what the lawyers call
"a bill of exceptions".
After it left my hands, I lamented
my haste that I should have been
presumptious enough to seem to
criticise any work of Mr Watsons.
It would have been so simple to
have said nice day. without trying to
to give myself an air of importance
by "lugging" his name in —
I say this entirely from compassion for
myself — not for Mr Watson — public criticism
of whose distinguished name and
productions, by my pen would be
more than "bad taste" — it would
amount to an absurdity. Private

opinions we all have a right to and entertain. This little Guadalupe monograph is one of the most fascinating papers I have ever seen. In fact I know it "by heart" though I would not of course have him know that.

Well, to business

I send you a scrap of what I call L. humilis - all in fact that I had showing fairly matured fruit. We call it all humilis here - although the specimen from which this came was of robust growth, but having the same lax - semi-procumbent habit it all has -

Pray excuse the penuriousness of the contribution but I am scant of good material - and the season has gone by for collecting it this year -

You will not have to fear any more botanical effusions at my hands for the present.

All my contributions now are to "garden sass" periodicals (at the request of the subscribers) and the botany and nomenclature therein is something fearful and wonderful.

If in the next 20 years or so you should enter your second childhood (which God forbid) - and should care to go into such literature for relaxation let me know and I will be sending you some of my contributions to Floriculture.

Most sincerely & respectfully yours

Wm. S. Lyon

Dr Asa Gray

Cambridge

Mass